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Salinity, Temperature and Density Data for Yukon Coastal Waters; August-September 1988

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SALINITY, TEMPERATURE AND DENSITY DATA FOR YUKON COASTAL WATERS; AUGUST-SEPTEMBER 1988

by

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This is the 56th Data Report

from the Central and Arctic Region, Winnipeg

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PREFACE

The data presented in this report were collected as part of a study of zooplankton abundance levels by LGL Limited, Sidney, British Columbia, under contract to Department of Fisheries and Oceans, Central and Arctic Region, Winnipeg, Manitoba (Scientific Authority: M.J. Lawrence).

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ABSTRACT

Fissel D. B., and F.C. Welsman. 1991. Salinity, temperature and density data for Yukon coastal waters; August-September 1988. Can. Data Rep. Fish. Aquat. Sci. 845: iv + 159 p.

This report contains salinity, temperature and density (CTD) data collected in the waters off the Yukon coastline during August and September of 1988. The data were collected with an Applied Microsystems CTD-12 instrument. As well, water samples were collected for the purpose of instrument calibration.

A total of 151 CTD profiles were collected over the period from 5 August to 28 September at 35 sampling locations. The maximum depths of the profiles ranged from 2.5 to 28.7 dbars. Salinity and temperature measurements ranged from 1.9 to 31.9, and -1.47 to 8.98°C, respectively.

Key words: Arctic; coastal waters; fresh water; saline water; thermocline; halocline; pycnocline; oceanographic data; Yukon.

RÉSUMÉ

Fissel D.B., and F.C. Welsman. 1991. Salinity, temperature and density data for Yukon coastline waters; August-September 1988. Can. Data Rep. Fish. Aquat. Sci. 845: iv + 159 p.

Ce rapport présente des données sur la salinité, la température et la densité (CTD) recueillies dans les eaux au large de la côte du Yukon en août et en septembre 1988. Les données ont été recueillies au moyen d'un instrument CTD-12 de l'Applied Microsystems. Des échantillons d'eau ont de plus été recueillis à des fins d'étalonnage de l'instrument.

Au total, 151 profils de CTD ont été recueillis en 35 emplacements d'échantillonnage pendant l'intervalle du 5 août au 28 septembre. La profondeur maximale des profils varie de 2, 5 à 28, 7 dbars. La salinité et la température varient respectivement de 1,9 à 31,9 et de -1,47 à 8,98°C.

Mots clés: Arctique; eaux côtières; eau douce; eau salée; thermocline; halocline; pycnocline; données océanographiques; Yukon.

INTRODUCTION

The salinity, temperature and density (CTD) data presented in this report were collected as part of a study of the distribution and abundance of zooplankton in Yukon coastal waters. The zooplankton copepod Limnocalanus macrurus is an important food for bowhead whales, which utilize the area, particularly in late summer. As part of this study, an extensive set of CTD data was collected.

These CTD data were collected by field personnel of LGL Limited, Sidney, British Columbia, using instrumentation provided by Arctic Sciences Ltd. of Dartmouth, Nova Scotia. Arctic Sciences Ltd. subsequently processed and analysed these data.

Field logistics were based from a camp operated in the Shingle Point area. Samples were collected from a small, motorized vessel operated out of this camp.

METHODS

DATA COLLECTION

Positioning

All stations were initially positioned using visual bearings to coastal land features. Four marker buoys were then installed at the end of each major offshore transect. Four VHF radio transmitters were also operated along the coastline line. When occupying stations not having marker buoys, radio bearings to the shore stations, along with visual sights and dead reckoning, were used to locate the station. The overall accuracy of station positions is estimated as 1.5 km, or better.

CTD System

Station profiles were measured using an Applied Microsystems model CTD-12. This unit is totally self-contained, and records data internally on 1/4 inch magnetic tape. The instrument scans each sensor at intervals of approximately 1.5 seconds. Sensors on the CTD measure conductivity ratio, temperature (°C) and pressure (dbars). (A pressure unit of 1 dbar is almost equivalent to a water depth of 1 metre.) The CTD system records data to a precision of: 0.01 °C (temperature), 0.2 dbar (pressure) and 0.002 (equivalent salinity). A small portable hand-operated winch was used to raise and lower the CTD. Maximum water depths were determined with a portable depth sounder.

Based on the procedures described above, along with past experience in using this same CTD-12 unit in the Beaufort Sea (Fissel et al., 1987; Birch et al., 1987), the estimated accuracy of the CTD data sets were: temperature (±0.05 °C), salinity (±0.1) and pressure (±1.0 dbars to September 7; ±2.0 dbars after this date).

Single water samples were collected at all stations within 1 m of the bottom. Sixteen of these water samples, all collected at deep water stations, were subsequently analysed for salinity with a Guildline Autosal salinometer at Aanderaa Instruments, Victoria, British Columbia. The CTD system was also bench-calibrated before and after the field program at Applied

Microsystems Ltd., Victoria, British Columbia.

DATA PROCESSING

Transfer of the raw data recorded internally on data tapes was carried out at Arctic Sciences Ltd. using a PC-XT computer fitted with a specialized translation card connected to the computer bus. The laboratory-based calibrations were then applied to compute temperature, pressure and conductivity ratio. The salinities derived from the water samples were then used to compute the in-situ conductivity ratio, using inverse transformation of the UNESCO Practical Salinity Scale, PSS'78 (Lewis, 1981). A least-squares fit was then computed between the CTD unit and the water sample-derived conductivity ratios. The linear conductivity correction formula was then applied to all CTD-12 profile data.

The pressure sensor on the CTD-12 unit failed on September 7, 1988. For data collected subsequently, pressure data were computed using the minimum and maximum sampling depths noted on the field log book. An automated interpolation procedure was developed to determine the pressure values. From the temperature and conductivity measurements, the first and last good record of both the down and up-portions of each CTD profile data set. The minimum and maximum pressures, available from the field log book, are then assigned to the first and last good records within the data file. Using an interpolation scheme, developed from an ensemble of data files in which actual pressure measurements were available (i.e. before September 7), individual pressure values are computed for each record in the file. Finally, as a check on the procedure, the up- and down-profiles of temperature and salinity versus pressure are plotted and compared for reasonable consistency.

Density in $kg \cdot m^{-3}$ was calculated for each data scan using the internal equation of state of seawater (Millero and Poisson, 1981).

RESULTS

A summary of all station locations and maximum profile depths sampled off the Yukon coastline is listed in Table 1, with locations shown in Figure 1. Maximum profile depths ranged from 2.5 to 29.0 dbars. All times are given in Greenwich mean time (GMT).

The salinities derived from the CTD unit and from the water samples generally agreed to within ±0.1.

The CTD data are tabulated by station and date in Appendix A. Plots of the data are shown on each facing page with the corresponding station number and sampling date. Density in $kg \cdot m^{-3}$ is plotted as sigma-t (density -1000). Depths are expressed as pressure units (dbar). Measured salinity and temperatures ranged from 1.9 to 31.9, and -1.47 to 8.98, respectively.

ACKNOWLEDGMENTS

We wish to thank the LGL personnel who conducted the field data collection. In particular, we thank Mr. M.S.W. Bradstreet, of LGL Limited, who headed the study, and Mr. R. Bocking. We also thank Owen Byrne of Arctic Sciences for assistance with the data processing.

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TABLE 1: A Summary of all CTD Stations Sampled off the Yukon Coastline

STATION	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE	TIME (GMT)	PROFILE DEPTH (m)
SA5	69	6.2	137	41.0	5 AUGUST	1905	13.0
SA4	69	5.7	137	41.5	5 AUGUST	1954	11.5
SA3	69	5.1	137	42.0	5 AUGUST	2034	10.5
SA2	69	4.5	137	43.0	5 AUGUST	2114	9.5
SA1	69	4.0	137	44.0	5 AUGUST	2144	8.0
BA1	69	9.5	138	10.0	6 AUGUST	1758	13.0
BA2	69	10.0	138	9.5	6 AUGUST	1903	14.5
ES7	69	3.2	137	7.5	7 AUGUST	1532	3.0
ES6	69	3.0	137	8.0	7 AUGUST	1649	3.0
ES5	69	2.5	137	9.0	7 AUGUST	1731	3.0
ES4	69	1.9	137	10.0	7 AUGUST	1801	3.5
ES3	69	1.3	137	11.0	7 AUGUST	1835	3.5
ES2	69	1.0	137	12.0	7 AUGUST	1910	4.5
ES1	69	0.5	137	13.0	7 AUGUST	1941	3.0
ES7	69	3.2	137	7.5	26 AUGUST	1825	2.5
ES6	69	3.0	137	8.0	26 AUGUST	1927	3.0
ES5	69	2.5	137	9.0	26 AUGUST	1953	3.0
ES4	69	1.9	137	10.0	26 AUGUST	2015	3.0
ES3	69	1.3	137	11.0	26 AUGUST	2035	3.5
ES2	69	1.0	137	12.0	26 AUGUST	2057	3.5
ES1	69	0.5	137	13.0	26 AUGUST	2117	3.5
SA3	69	5.1	137	42.0	28 AUGUST	0047	10.0
SA2	69	4.5	137	43.0	28 AUGUST	0115	9.0
SA1	69	4.0	137	44.0	28 AUGUST	0139	8.0
KI3	69	7.7	137	55.5	1 SEPTEMBER	1857	20.0
KI2	69	7.2	137	56.5	1 SEPTEMBER	1936	17.0
KI1	69	6.9	137	57.5	1 SEPTEMBER	2015	11.0
SA5	69	6.2	137	41.0	7 SEPTEMBER	1924	12.0
SA4	69	5.7	137	41.5	7 SEPTEMBER	1951	11.5
SA3	69	5.1	137	42.0	7 SEPTEMBER	2015	10.5
SA2	69	4.5	137	43.0	7 SEPTEMBER	2033	9.5
SA1	69	4.0	137	44.0	7 SEPTEMBER	2049	8.5
KI3	69	7.7	137	55.5	7 SEPTEMBER	2149	20.0
KI2	69	7.2	137	56.5	7 SEPTEMBER	2217	17.0
KI1	69	6.9	137	57.5	7 SEPTEMBER	2246	12.0
SA6	69	10.0	137	35.0	8 SEPTEMBER	1640	14.0
SA7	69	11.0	137	37.0	8 SEPTEMBER	1727	18.0
KI4	69	10.0	137	49.0	8 SEPTEMBER	1824	28.0
KI5	69	11.0	137	52.0	8 SEPTEMBER	1902	28.7
SH3	69	1.8	137	25.0	10 SEPTEMBER	1528	4.5
SH2	69	1.1	137	26.0	10 SEPTEMBER	1555	4.0

TABLE 1 (continued)

STATION	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE	TIME (GMT)	PROFILE DEPTH (m)
SH1	69	0.6	137	27.0	10 SEPTEMBER	1621	4.0
SA5	69	6.2	137	41.0	10 SEPTEMBER	1737	12.5
SA4	69	5.7	137	41.5	10 SEPTEMBER	1801	11.0
SA3	69	5.1	137	42.0	10 SEPTEMBER	1819	10.5
SA2	69	4.5	137	43.0	10 SEPTEMBER	1838	10.0
SA1	69	4.0	137	44.0	10 SEPTEMBER	1855	8.0
SHB1	69	0.5	137	25.0	10 SEPTEMBER	2216	3.5
SHB2	69	0.5	137	25.0	10 SEPTEMBER	2230	3.5
SHB3	69	0.5	137	25.0	10 SEPTEMBER	2234	4.0
SHB5	69	0.5	137	25.0	10 SEPTEMBER	2250	4.5
SHB7	69	0.5	137	25.0	10 SEPTEMBER	2313	4.0
SHB6	69	0.5	137	25.0	10 SEPTEMBER	2326	4.5
ES7	69	3.2	137	7.5	12 SEPTEMBER	1749	2.5
ES6	69	3.0	137	8.0	12 SEPTEMBER	1803	2.5
ES5	69	2.5	137	9.0	12 SEPTEMBER	1822	3.0
ES4	69	1.9	137	10.0	12 SEPTEMBER	1835	3.0
ES3	69	1.3	137	11.0	12 SEPTEMBER	1844	3.0
ES2	69	1.0	137	12.0	12 SEPTEMBER	1900	3.5
ES1	69	0.5	137	13.0	12 SEPTEMBER	1915	4.0
KI6	69	8.2	137	55.0	14 SEPTEMBER	1658	21.0
KI3	69	7.7	137	55.5	14 SEPTEMBER	1730	19.0
KI2	69	7.2	137	56.5	14 SEPTEMBER	1758	17.0
KI1	69	6.9	137	57.5	14 SEPTEMBER	1826	14.5
BA3	69	10.5	138	9.0	14 SEPTEMBER	1922	15.0
BA2	69	10.0	138	9.5	14 SEPTEMBER	1948	13.0
BA1	69	9.5	138	10.0	14 SEPTEMBER	2013	12.5
SA5	69	6.2	137	41.0	15 SEPTEMBER	1709	12.0
SA4	69	5.7	137	41.5	15 SEPTEMBER	1729	10.5
SA3	69	5.1	137	42.0	15 SEPTEMBER	1755	11.5
SA2	69	4.5	137	43.0	15 SEPTEMBER	1810	9.0
SA1	69	4.0	137	44.0	15 SEPTEMBER	1826	7.0
KA4	69	20.0	138	19.5	15 SEPTEMBER	2007	19.0
KA3	69	19.5	138	20.0	15 SEPTEMBER	2043	10.5
KA1	69	18.5	138	21.0	15 SEPTEMBER	2106	4.0
KA2	69	19.0	138	20.5	15 SEPTEMBER	????	6.5
ES7	69	3.2	137	7.5	16 SEPTEMBER	2013	3.0
ES6	69	3.0	137	8.0	16 SEPTEMBER	2027	3.0
ES5	69	2.5	137	9.0	16 SEPTEMBER	2038	3.0
ES4	69	1.9	137	10.0	16 SEPTEMBER	2050	3.0
ES3	69	1.3	137	11.0	16 SEPTEMBER	2104	3.0
ES2	69	1.0	137	12.0	16 SEPTEMBER	2116	3.0

TABLE 1 (continued)

STATION	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE	TIME (GMT)	PROFILE DEPTH (m)
ES1	69	0.5	137	13.0	16 SEPTEMBER	2129	3.0
SH3	69	1.8	137	25.0	17 SEPTEMBER	1800	5.0
SH2	69	1.1	137	26.0	17 SEPTEMBER	1819	5.0
SH1	69	0.6	137	27.0	17 SEPTEMBER	1828	5.0
701	69	0.6	137	27.0	17 SEPTEMBER	1846	5.5
702	69	1.6	137	31.0	17 SEPTEMBER	1904	6.5
703	69	2.6	137	35.0	17 SEPTEMBER	1921	7.5
704	69	3.7	137	39.0	17 SEPTEMBER	1939	9.0
SA4	69	5.7	137	41.5	17 SEPTEMBER	2318	11.0
SA3	69	5.1	137	42.0	17 SEPTEMBER	2323	10.0
SA2	69	4.5	137	43.0	17 SEPTEMBER	2325	9.5
SA1	69	4.0	137	44.0	17 SEPTEMBER	2329	8.0
SA5	69	6.2	137	41.0	17 SEPTEMBER	2357	12.0
751	69	4.0	137	44.0	18 SEPTEMBER	0021	9.0
752	69	4.6	137	46.7	18 SEPTEMBER	0040	8.5
753	69	5.2	137	49.4	18 SEPTEMBER	0058	9.5
754	69	5.7	137	52.1	18 SEPTEMBER	0117	10.0
755	69	6.3	137	54.8	18 SEPTEMBER	0158	9.5
756	69	6.9	137	57.5	18 SEPTEMBER	0216	7.5
KA4	69	20.0	138	19.5	18 SEPTEMBER	1745	21.0
ES7	69	3.2	137	7.5	20 SEPTEMBER	2241	2.5
ES6	69	3.0	137	8.0	20 SEPTEMBER	2258	3.0
ES5	69	2.5	137	9.0	20 SEPTEMBER	2313	3.0
ES4	69	1.9	137	10.0	20 SEPTEMBER	2327	3.0
ES3	69	1.3	137	11.0	20 SEPTEMBER	2341	3.0
ES2	69	1.0	137	12.0	20 SEPTEMBER	2352	3.0
ES1	69	0.5	137	13.0	21 SEPTEMBER	0008	3.0
SH3	69	1.8	137	25.0	21 SEPTEMBER	1717	5.0
SH2	69	1.1	137	26.0	21 SEPTEMBER	1746	4.5
SH1	69	0.6	137	27.0	21 SEPTEMBER	1811	4.5
KI6	69	8.2	137	55.0	21 SEPTEMBER	1933	23.0
KI3	69	7.7	137	55.5	21 SEPTEMBER	2009	21.0
KI2	69	7.2	137	56.5	21 SEPTEMBER	2040	17.0
KI1	69	6.9	137	57.5	21 SEPTEMBER	2105	12.0
SA5	69	6.2	137	41.0	22 SEPTEMBER	1733	12.0
SA4	69	5.7	137	41.5	22 SEPTEMBER	1753	9.5
SA3	69	5.1	137	42.0	22 SEPTEMBER	1813	10.5
SA2	69	4.5	137	43.0	22 SEPTEMBER	1835	9.5
SA1	69	4.0	137	44.0	22 SEPTEMBER	1852	8.0
SH3	69	1.8	137	25.0	22 SEPTEMBER	1942	5.0
SH2	69	1.1	137	26.0	22 SEPTEMBER	2001	4.5

TABLE 1 (continued)

STATION	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	DATE	TIME (GMT)	PROFILE DEPTH (m)
SH1	69	0.6	137	27.0	22 SEPTEMBER	2023	4.5
ES7	69	3.2	137	7.5	23 SEPTEMBER	1728	3.0
ES6	69	3.0	137	8.0	23 SEPTEMBER	1742	3.0
ES5	69	2.5	137	9.0	23 SEPTEMBER	1755	3.0
ES4	69	1.9	137	10.0	23 SEPTEMBER	1809	3.0
ES3	69	1.3	137	11.0	23 SEPTEMBER	1821	3.0
ES2	69	1.0	137	12.0	23 SEPTEMBER	1837	3.5
ES1	69	0.5	137	13.0	23 SEPTEMBER	1850	3.5
KI6	69	8.2	137	55.0	25 SEPTEMBER	0118	22.0
KI3	69	7.7	137	55.5	25 SEPTEMBER	????	19.0
KI2	69	7.2	137	56.5	25 SEPTEMBER	0216	16.0
KI1	69	6.9	137	57.5	25 SEPTEMBER	0243	12.0
ES7	69	3.2	137	7.5	26 SEPTEMBER	1919	2.5
ES6	69	3.0	137	8.0	26 SEPTEMBER	1937	2.5
ES5	69	2.5	137	9.0	26 SEPTEMBER	1950	3.0
ES4	69	1.9	137	10.0	26 SEPTEMBER	2004	2.5
ES3	69	1.3	137	11.0	26 SEPTEMBER	2018	3.0
ES2	69	1.0	137	12.0	26 SEPTEMBER	2032	3.0
ES1	69	0.5	137	13.0	26 SEPTEMBER	2044	3.0
KI3	69	7.7	137	55.5	27 SEPTEMBER	1800	20.0
KI2	69	7.2	137	56.5	27 SEPTEMBER	1832	16.0
KI1	69	6.9	137	57.5	27 SEPTEMBER	1855	10.0
SA5	69	6.2	137	41.0	28 SEPTEMBER	1552	12.0
SA4	69	5.7	137	41.5	28 SEPTEMBER	1614	10.0
SA3	69	5.1	137	42.0	28 SEPTEMBER	1631	9.0
SA2	69	4.5	137	43.0	28 SEPTEMBER	1645	9.0
SA1	69	4.0	137	44.0	28 SEPTEMBER	1659	7.0

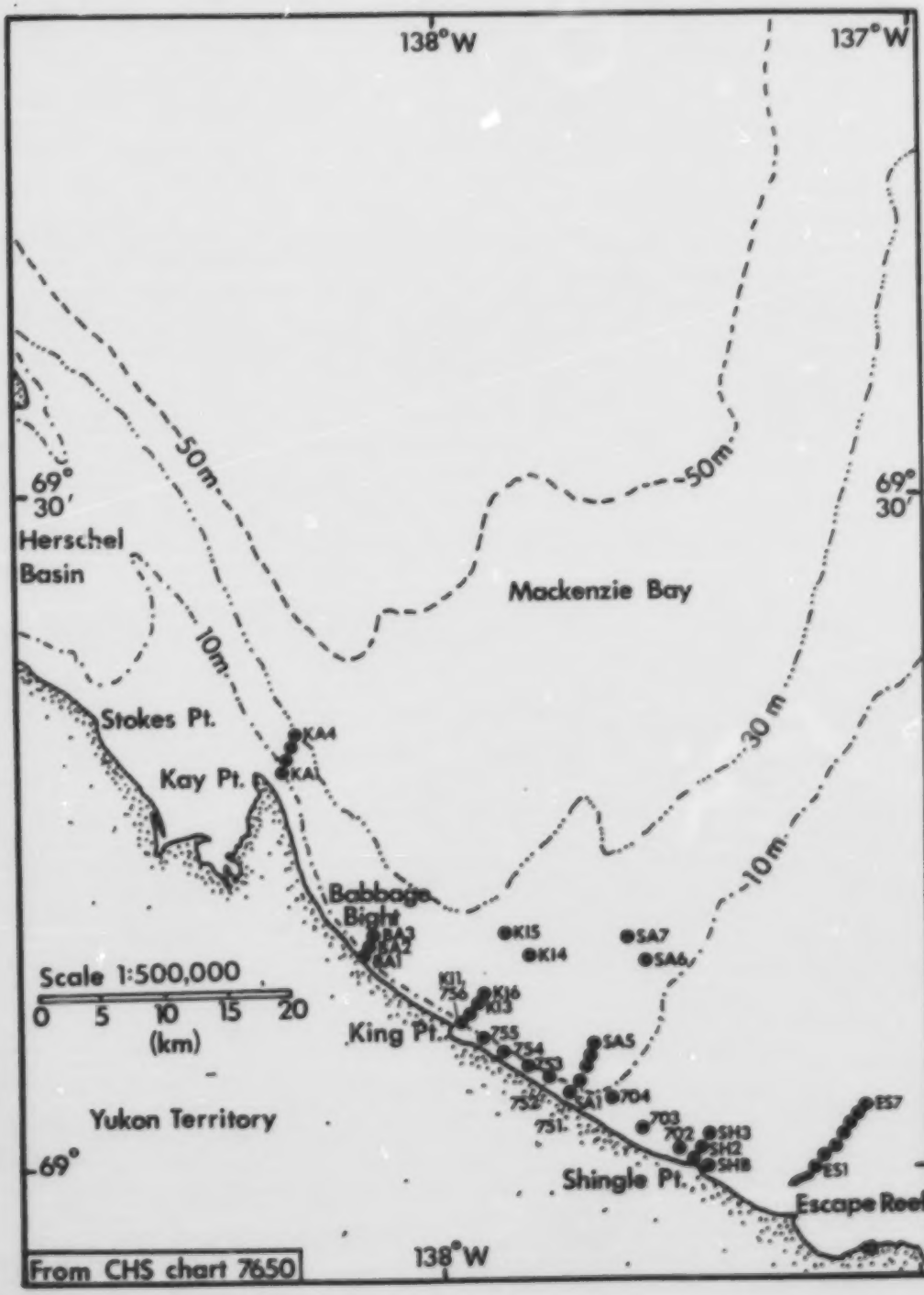
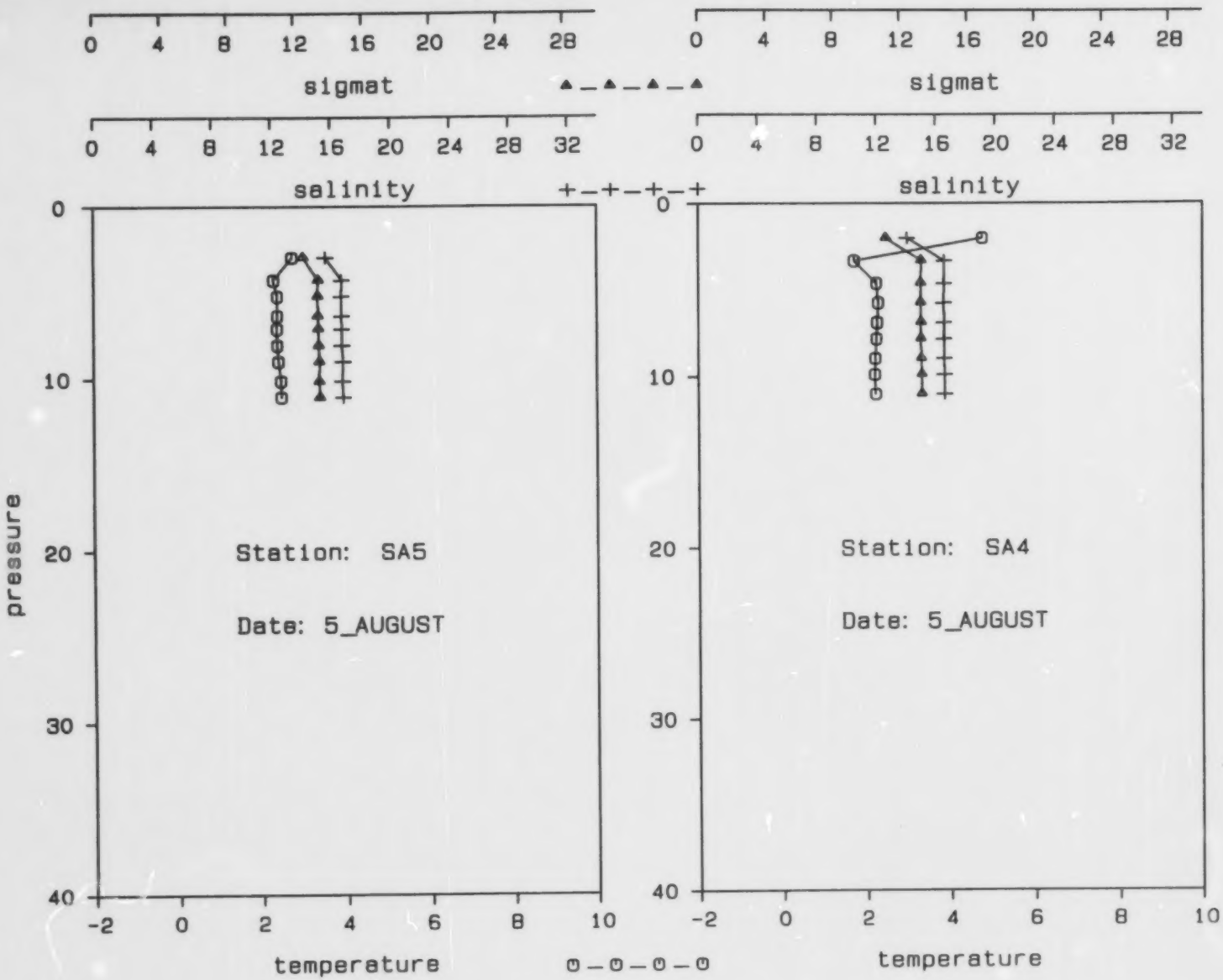


Figure 1 Locations of all CTD stations sampled off the Yukon coastline.

APPENDIX A

CTD data tabulated by station and date

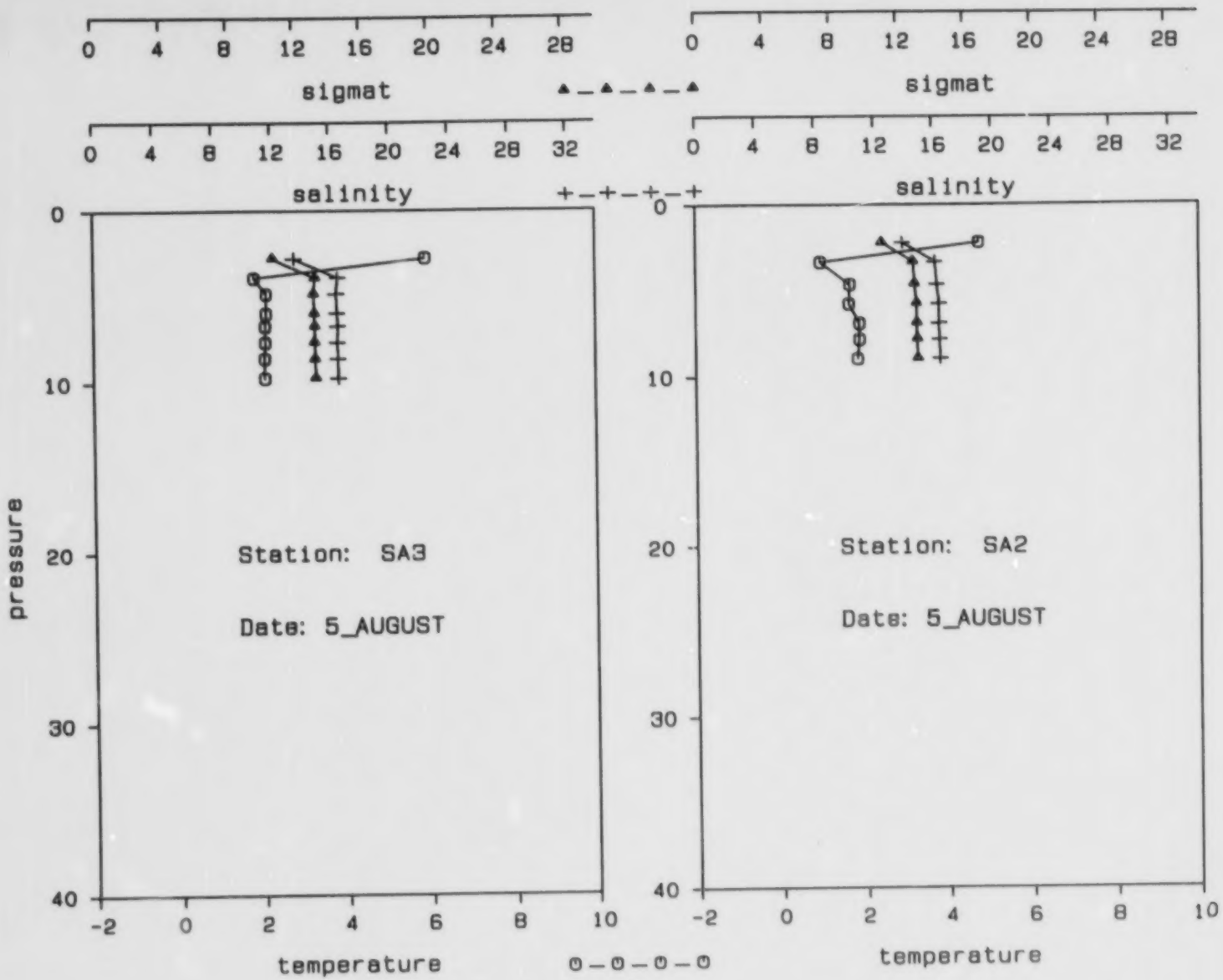

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: SA5
Date: 5_AUGUST
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: SA4
Date: 5_AUGUST
-2 0 2 4 6 8 10
temperature

Station: SA5 Date: 5_AUGUST

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
2.95	2.74	15.66	1012.50
4.27	2.30	16.73	1013.38
5.21	2.39	16.70	1013.36
6.34	2.39	16.72	1013.38
7.10	2.38	16.74	1013.40
8.04	2.39	16.76	1013.41
8.98	2.41	16.81	1013.46
10.11	2.48	16.78	1013.44
11.05	2.49	16.83	1013.48

Station: SA4 Date: 5_AUGUST

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
2.01	4.77	14.12	1011.18
3.33	1.72	16.60	1013.28
4.65	2.25	16.58	1013.26
5.78	2.30	16.57	1013.26
6.91	2.27	16.59	1013.27
7.85	2.25	16.58	1013.27
8.98	2.22	16.61	1013.30
9.92	2.22	16.63	1013.33
11.05	2.23	16.62	1013.32

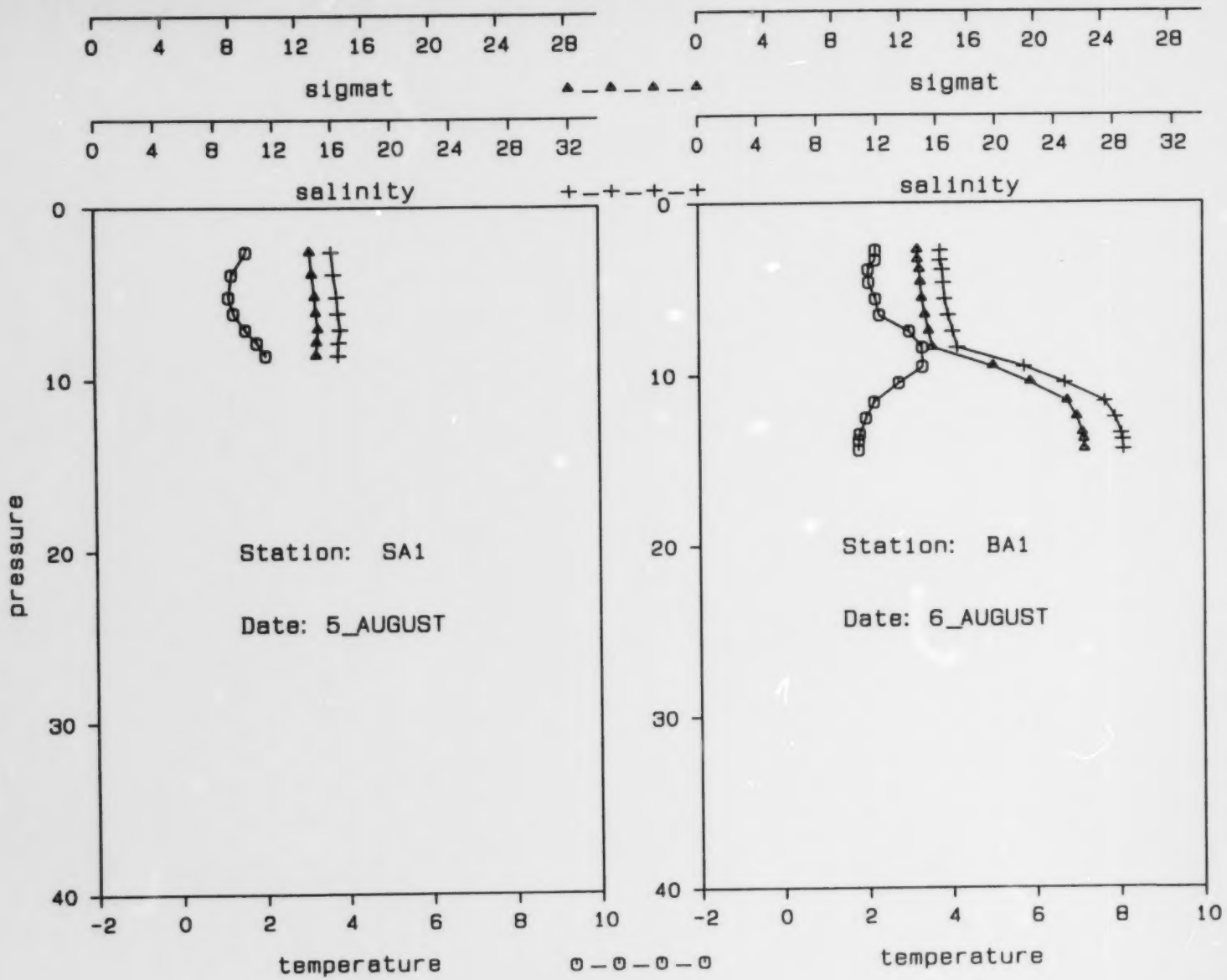

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: SA3
Date: 5_AUGUST
Station: SA2
Date: 5_AUGUST
-2 0 2 4 6 8 10
temperature
-2 0 2 4 6 8 10
temperature

Station: SA3 Date: 5_AUGUST

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
2.77	5.92	13.61	1010.71
3.90	1.83	16.57	1013.25
4.84	2.13	16.46	1013.17
5.97	2.12	16.50	1013.21
6.72	2.10	16.53	1013.23
7.66	2.10	16.51	1013.22
8.60	2.08	16.54	1013.25
9.73	2.08	16.58	1013.28

Station: SA2 Date: 5_AUGUST

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
2.20	4.77	13.98	1011.08
3.33	0.96	16.19	1012.96
4.65	1.66	16.32	1013.07
5.78	1.65	16.46	1013.18
6.91	1.89	16.48	1013.20
7.85	1.89	16.49	1013.21
8.98	1.85	16.54	1013.25

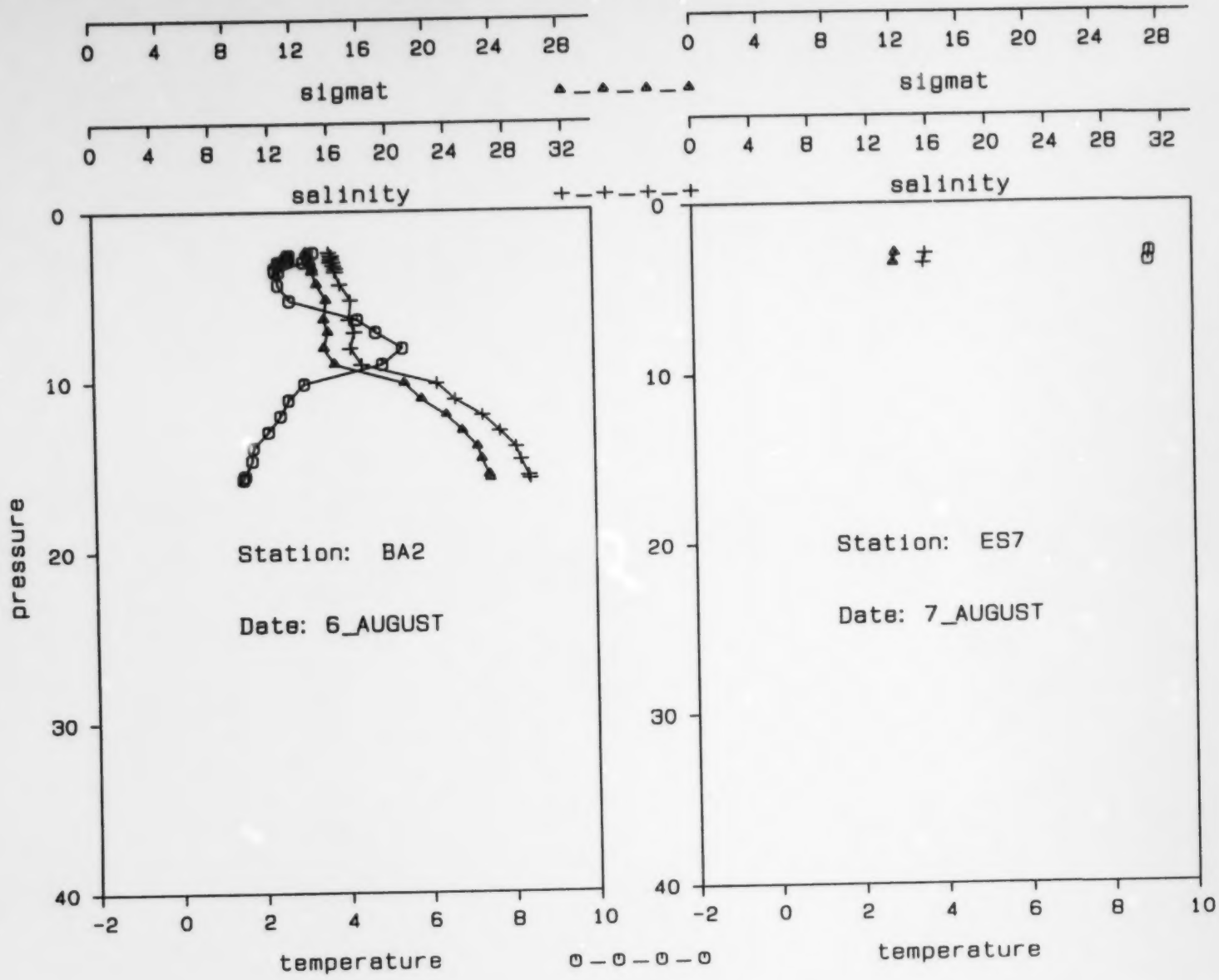

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: SA1
Date: 5_AUGUST
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: BA1
Date: 6_AUGUST
-2 0 2 4 6 8 10
temperature

Station: SA1 Date: 5_AUGUST

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
2.58	1.58	15.98	1012.78
3.90	1.24	16.14	1012.92
5.21	1.17	16.34	1013.09
6.16	1.28	16.41	1013.15
7.10	1.56	16.57	1013.28
7.85	1.84	16.47	1013.20
8.60	2.04	16.43	1013.17

Station: BA1 Date: 6_AUGUST

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
2.76	2.21	16.28	1013.01
3.32	2.20	16.28	1013.02
3.89	2.04	16.42	1013.13
4.64	2.04	16.49	1013.19
5.58	2.21	16.58	1013.27
6.53	2.29	16.81	1013.45
7.47	3.00	17.11	1013.67
8.41	3.31	17.40	1013.89
9.54	3.32	21.94	1017.50
10.48	2.75	24.68	1019.72
11.61	2.16	27.37	1021.91
12.55	1.96	28.08	1022.49
13.49	1.82	28.48	1022.82
13.87	1.79	28.58	1022.91
14.43	1.78	28.60	1022.93

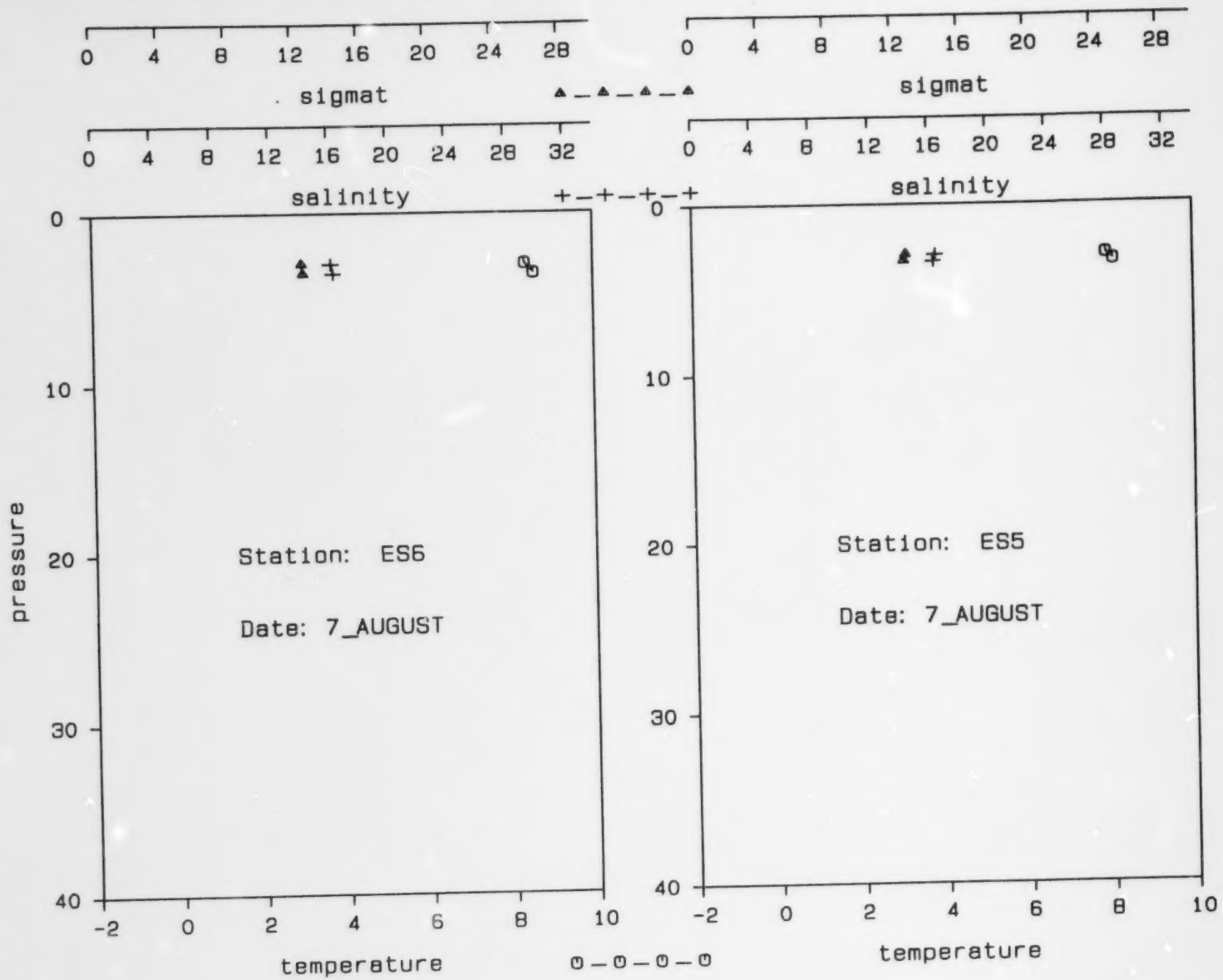

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: BA2
Date: 6_AUGUST
Station: ES7
Date: 7_AUGUST
-2 0 2 4 6 8 10
temperature

Station: BA2 Date: 6_AUGUST

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
2.38	3.27	16.02	1012.77
2.95	3.03	16.11	1012.85
3.51	2.36	16.47	1013.16
3.32	2.34	16.46	1013.15
3.14	2.47	16.32	1013.04
2.95	2.44	16.32	1013.04
2.76	2.64	16.20	1012.93
2.57	2.67	16.19	1012.92
2.57	2.67	16.20	1012.94
2.57	2.72	16.16	1012.90
2.76	2.64	16.22	1012.95
2.76	2.62	16.21	1012.94
2.76	2.70	16.19	1012.92
2.76	2.69	16.17	1012.91
2.76	2.71	16.15	1012.89
3.51	2.45	16.40	1013.11
4.27	2.42	16.74	1013.38
5.21	2.69	17.45	1013.94
6.34	4.32	17.36	1013.80
7.09	4.76	17.69	1014.04
8.03	5.40	17.42	1013.78
8.97	4.91	18.18	1014.42
10.10	3.03	23.30	1018.60
11.04	2.65	24.54	1019.62
11.99	2.45	26.39	1021.11
12.93	2.16	27.56	1022.07
13.87	1.80	28.65	1022.96
14.62	1.76	28.97	1023.23
15.56	1.60	29.47	1023.64
15.56	1.57	29.51	1023.68
15.75	1.55	29.60	1023.75

Station: ES7 Date: 7_AUGUST

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
2.95	8.98	15.86	1012.19
3.52	8.94	15.73	1012.10

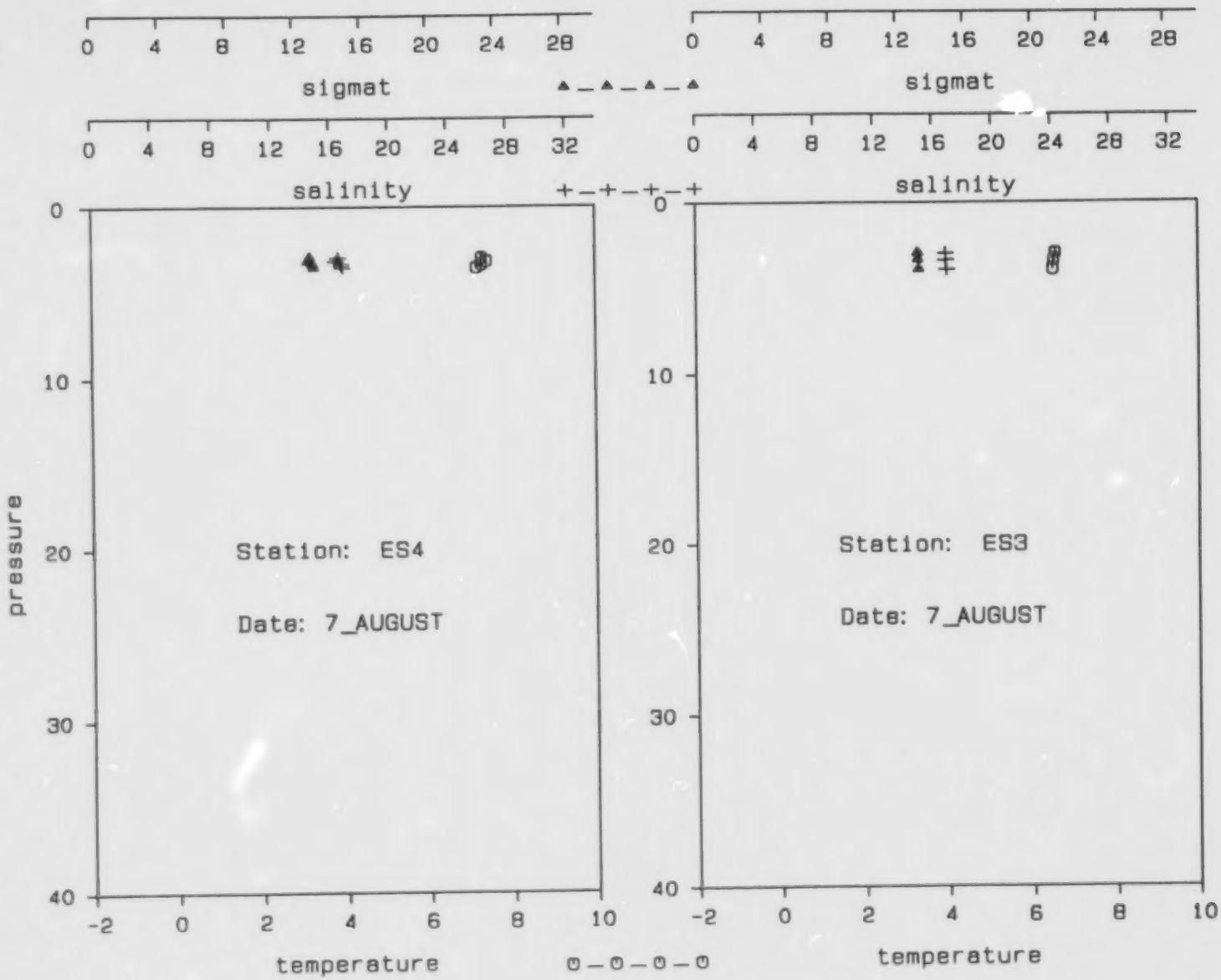

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: ES6
Date: 7_AUGUST
Station: ES5
Date: 7_AUGUST
-2 0 2 4 6 8 10
temperature
-2 0 2 4 6 8 10
temperature

Station: ES6 Date: 7_AUGUST

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
2.95	8.36	16.20	1012.53
3.52	8.57	16.35	1012.62

Station: ES5 Date: 7_AUGUST

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
2.95	7.92	16.50	1012.81
3.33	8.09	16.36	1012.68

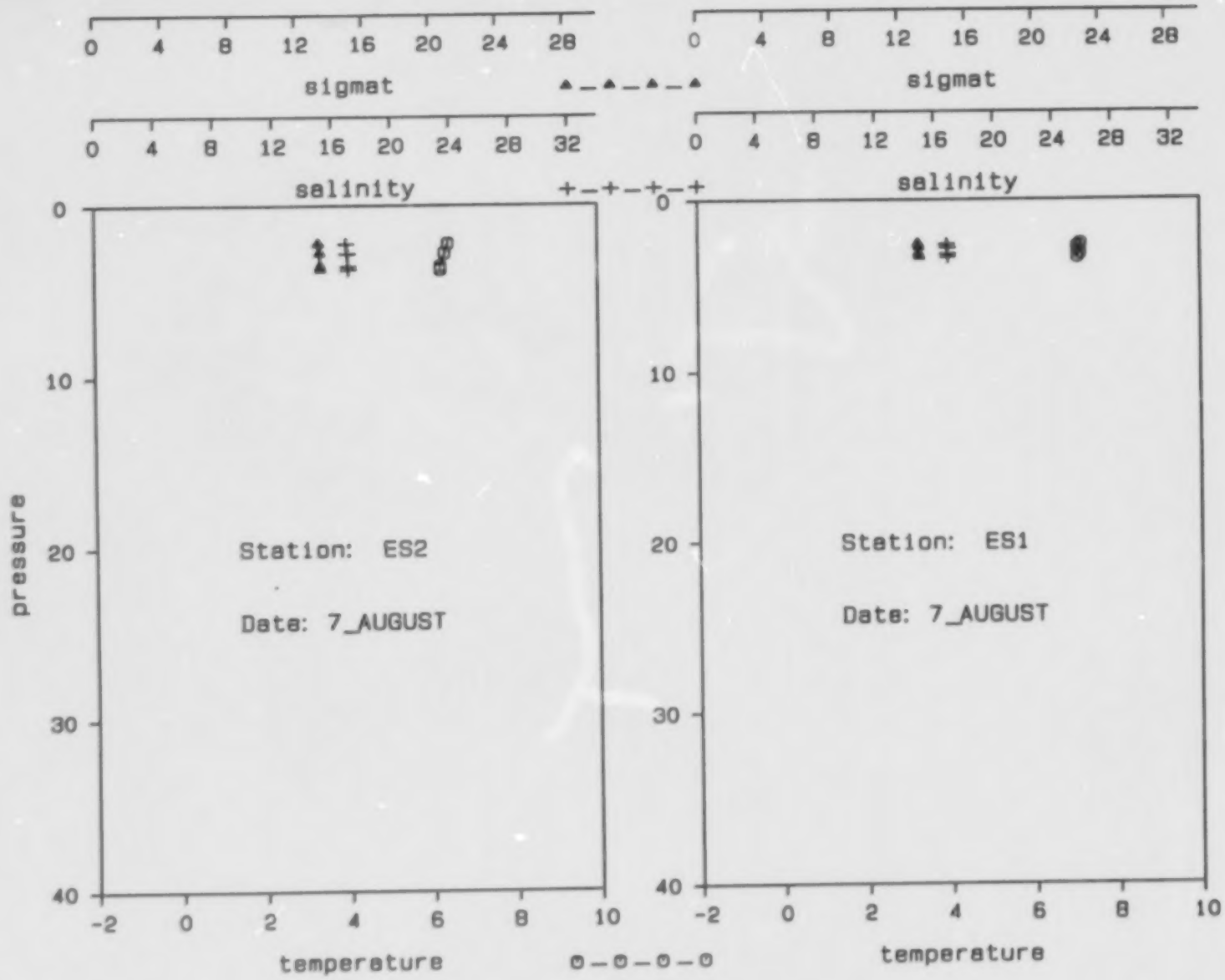

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: ES4
Date: 7_AUGUST
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: ES3
Date: 7_AUGUST
-2 0 2 4 6 8 10
temperature

Station: ES4 Date: 7_AUGUST

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
2.95	7.30	16.59	1012.94
3.14	7.41	16.43	1012.80
3.33	7.30	16.80	1013.10
3.52	7.17	16.87	1013.18

Station: ES3 Date: 7_AUGUST

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
2.95	6.58	16.94	1013.28
3.33	6.55	16.96	1013.30
3.90	6.52	17.02	1013.35

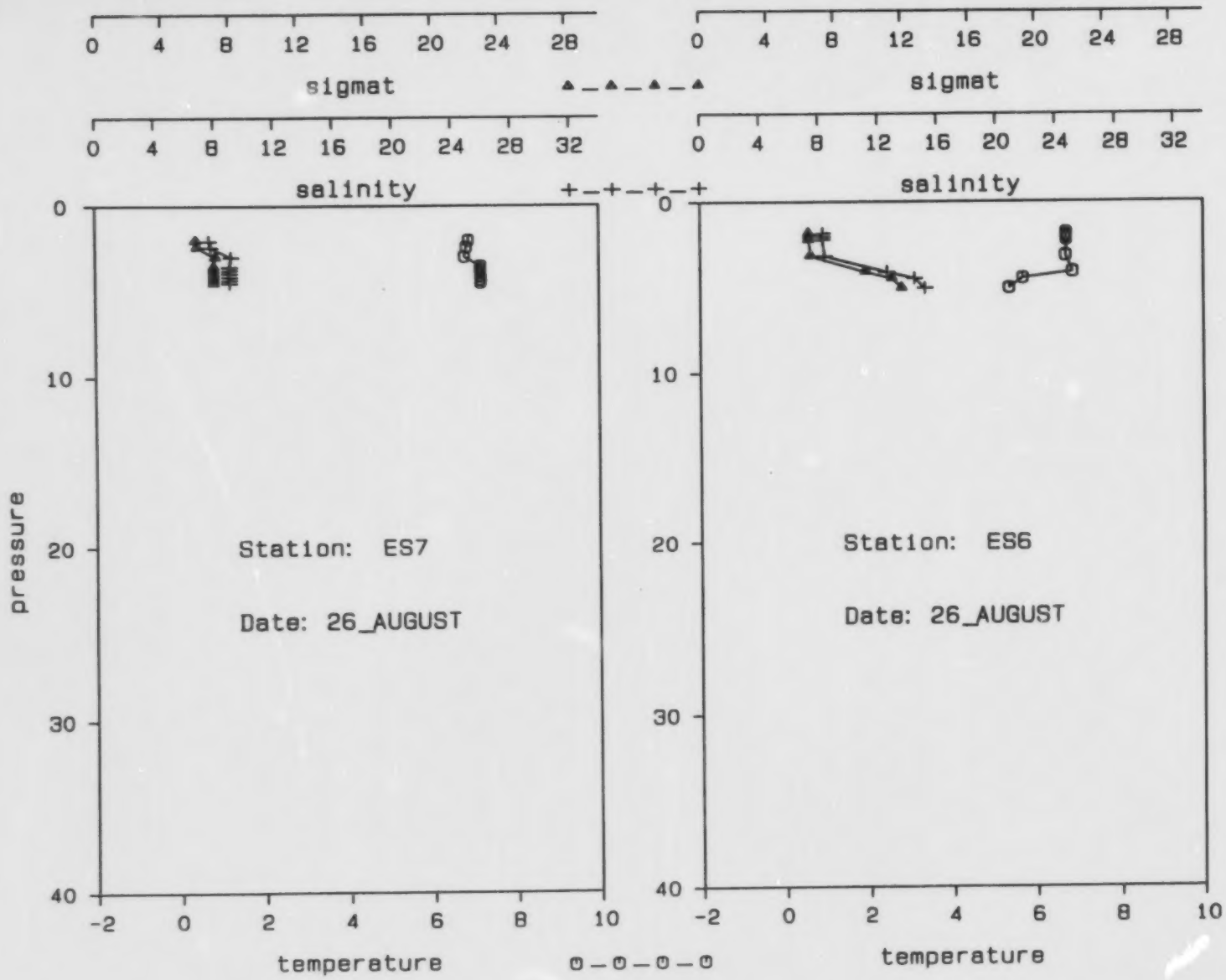

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: ES2
Date: 7_AUGUST
Station: ES1
Date: 7_AUGUST
-2 0 2 4 6 8 10
temperature
-2 0 2 4 6 8 10
temperature

Station: ES2 Date: 7_AUGUST

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
2.20	6.43	16.95	1013.30
2.77	6.35	17.04	1013.38
3.52	6.25	17.09	1013.43
3.71	6.25	17.11	1013.44

Station: ES1 Date: 7_AUGUST

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
2.58	7.15	16.85	1013.16
2.77	7.07	16.92	1013.22
3.14	7.14	16.92	1013.21
3.33	7.07	16.95	1013.25

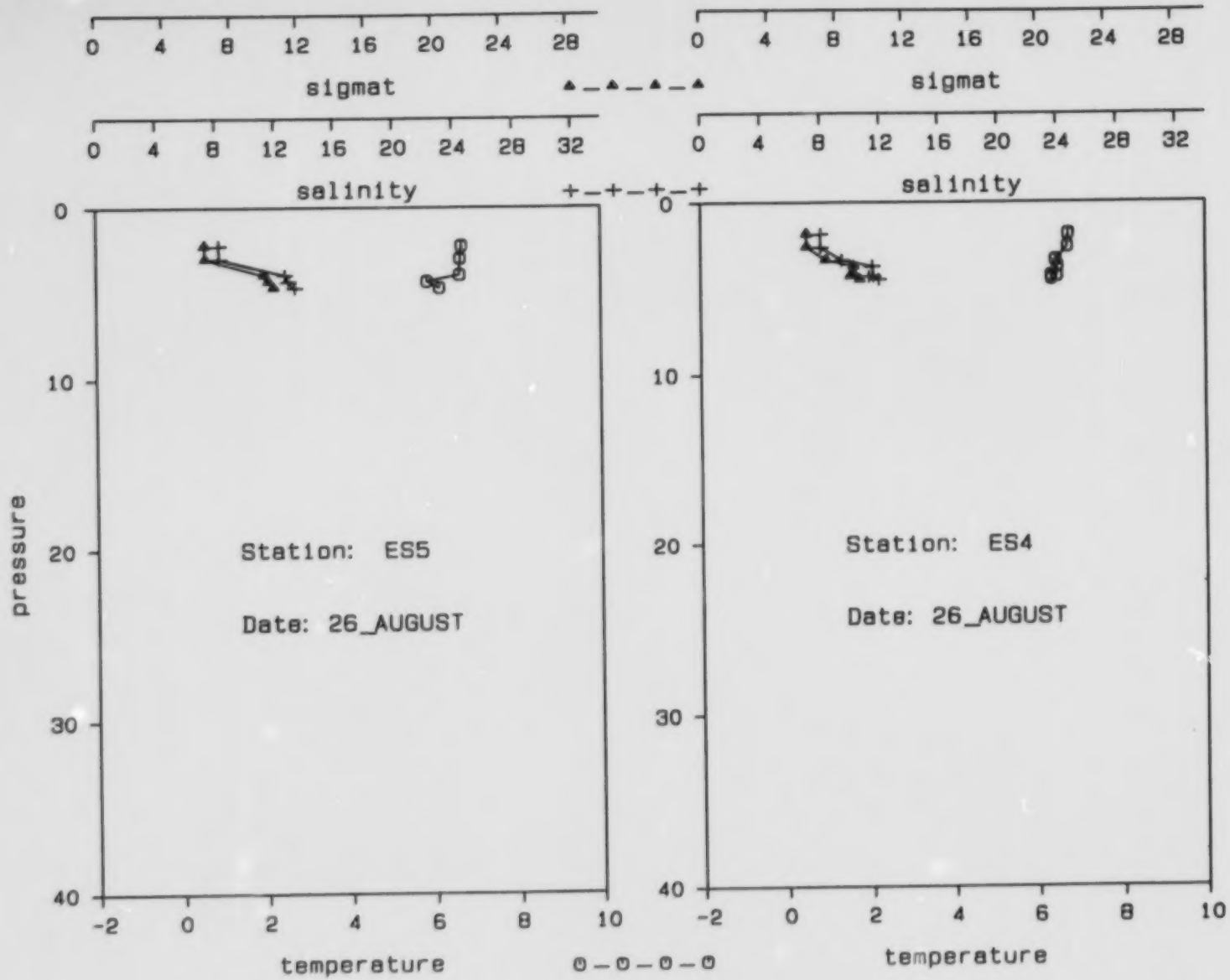

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: ES7
Date: 26_AUGUST
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
Station: ES6
Date: 26_AUGUST
temperature

Station: ES7 Date: 26_AUGUST

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
2.01	6.88	7.71	1006.00
2.38	6.83	7.81	1006.09
2.95	6.78	9.19	1007.18
3.51	7.17	9.09	1007.08
4.08	7.17	9.11	1007.09
3.89	7.17	9.11	1007.09
3.70	7.16	9.09	1007.08
3.89	7.17	9.09	1007.08
4.27	7.17	9.11	1007.09
4.27	7.18	9.10	1007.09
4.45	7.17	9.09	1007.08

Station: ES6 Date: 26_AUGUST

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
1.82	6.73	8.29	1006.47
2.01	6.73	8.29	1006.47
2.20	6.74	8.29	1006.47
3.14	6.72	8.43	1006.59
4.08	6.88	12.64	1009.89
4.45	5.71	14.50	1011.44
5.02	5.38	15.21	1012.02

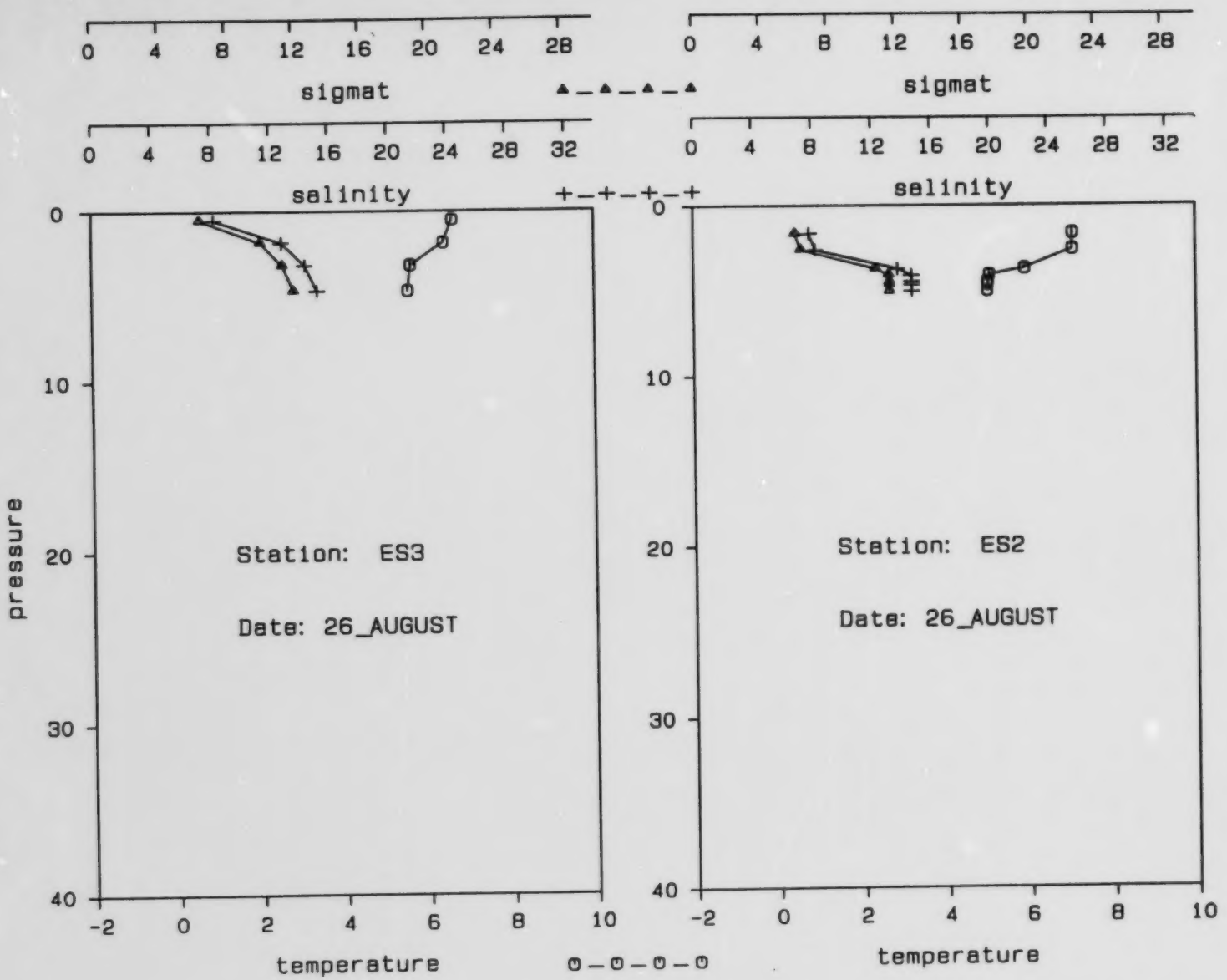

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: ES5
Date: 26_AUGUST
Station: ES4
Date: 26_AUGUST
-2 0 2 4 6 8 10
temperature
-2 0 2 4 6 8 10
temperature

Station: ES5 Date: 26_AUGUST

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
2.20	6.68	8.25	1006.44
2.95	6.65	8.28	1006.48
3.89	6.64	12.73	1009.98
4.27	5.86	12.98	1010.23
4.64	6.16	13.42	1010.55

Station: ES4 Date: 26_AUGUST

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
1.82	6.75	8.02	1006.26
2.57	6.74	8.04	1006.27
3.32	6.46	9.47	1007.42
3.70	6.50	11.54	1009.05
4.27	6.35	11.61	1009.11
4.27	6.49	11.29	1008.86
4.45	6.36	11.98	1009.41

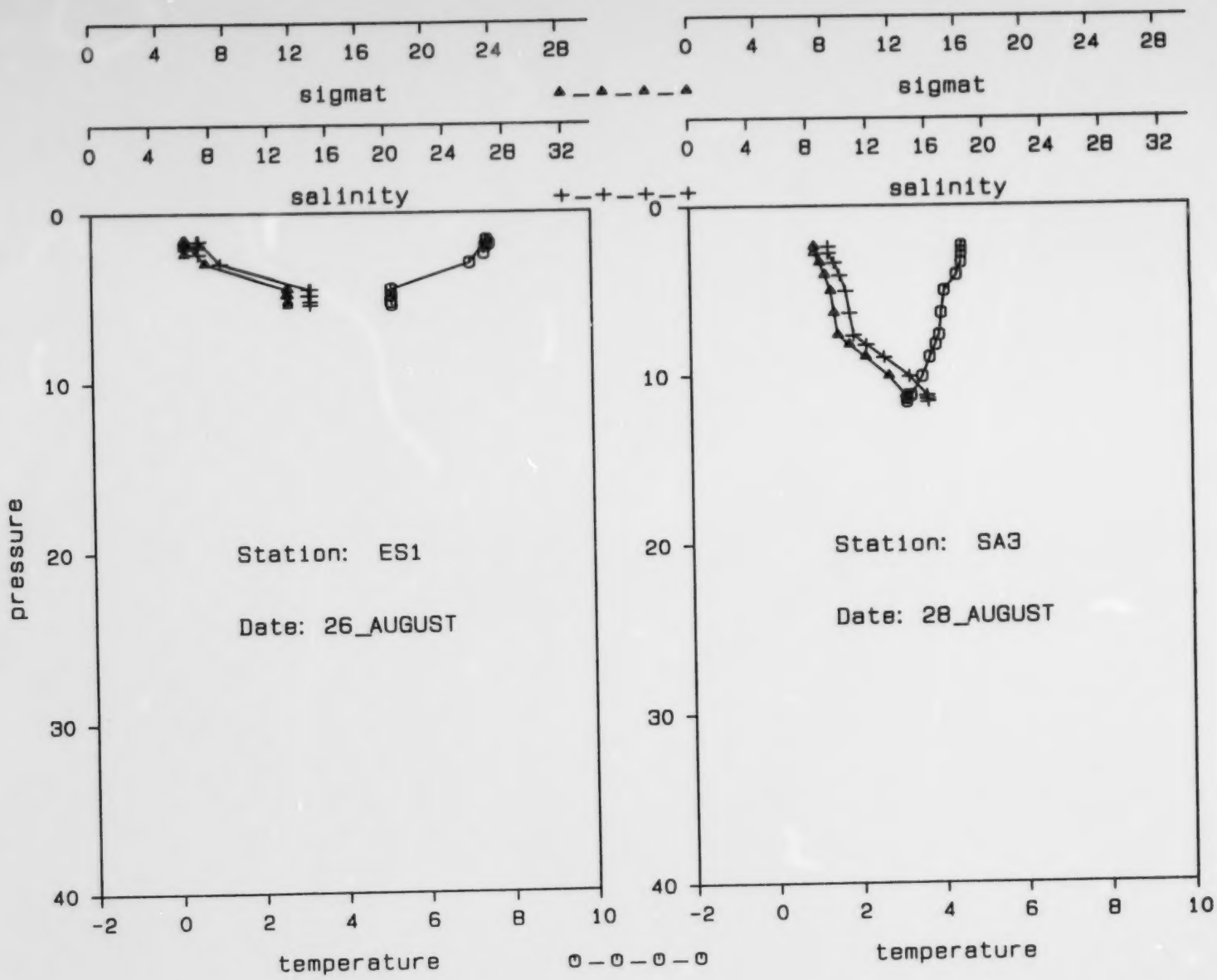

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: ES3
Date: 26_AUGUST
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: ES2
Date: 26_AUGUST
-2 0 2 4 6 8 10
temperature

Station: ES3 Date: 26_AUGUST

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	6.62	8.25	1006.44
1.82	6.41	12.82	1010.05
3.14	5.61	14.41	1011.37
4.64	5.54	15.22	1012.02

Station: ES2 Date: 26_AUGUST

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
1.63	7.08	7.83	1006.08
2.57	7.08	8.27	1006.43
3.70	5.92	13.77	1010.84
4.08	5.07	14.71	1011.64
4.45	5.05	14.74	1011.67
4.64	5.04	14.74	1011.67
5.02	5.03	14.74	1011.68

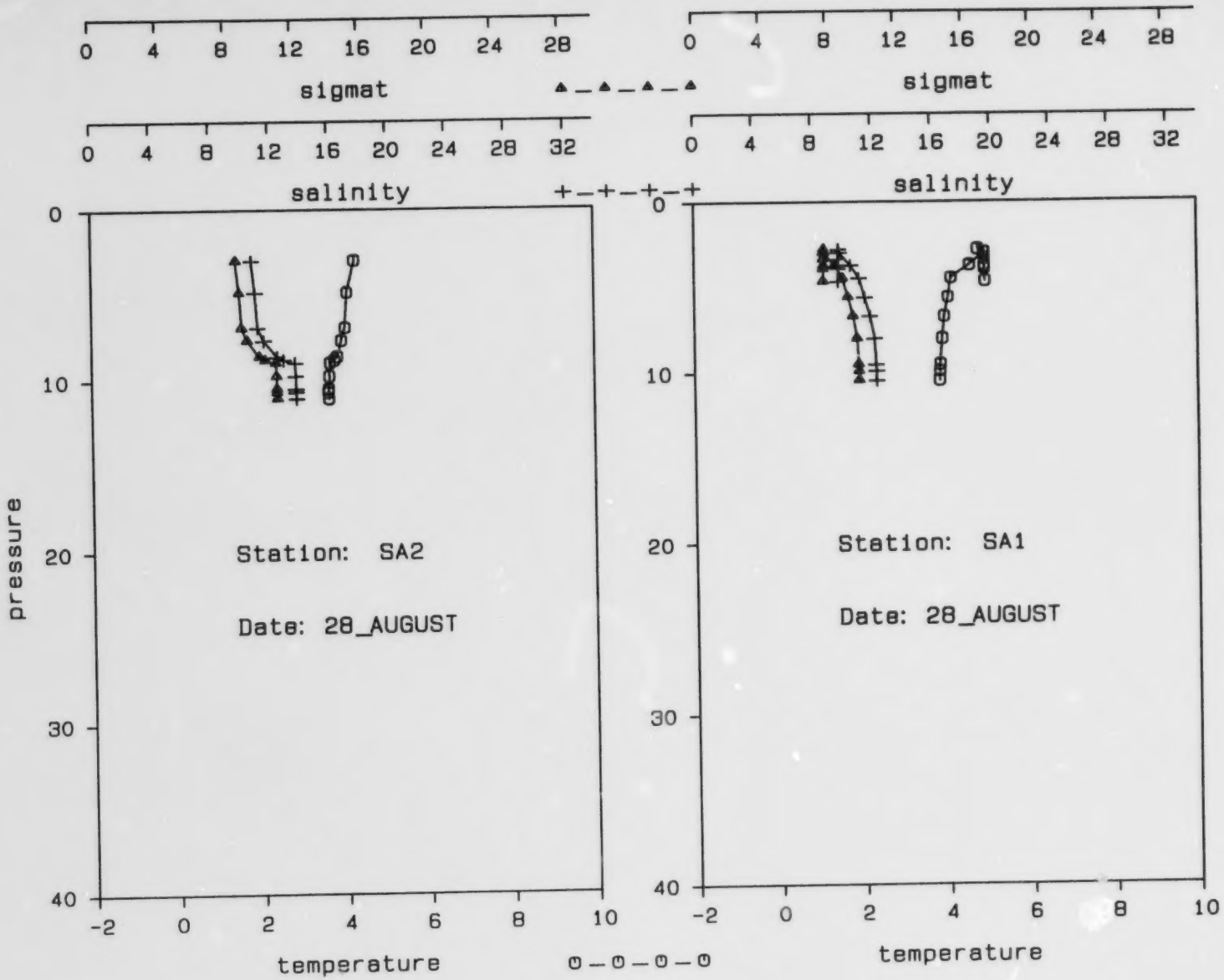

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: ES1
Date: 26_AUGUST
Station: SA3
Date: 28_AUGUST
-2 0 2 4 6 8 10
temperature
-2 0 2 4 6 8 10
temperature

Station: ES1 Date: 26_AUGUST

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
1.82	7.55	7.11	1005.49
2.01	7.47	7.14	1005.52
2.38	7.42	7.18	1005.55
2.01	7.45	7.16	1005.53
1.63	7.48	7.11	1005.49
1.63	7.49	7.11	1005.49
1.63	7.49	7.25	1005.60
2.95	7.08	8.70	1006.77
4.45	5.20	14.77	1011.68
4.83	5.21	14.71	1011.64
5.40	5.21	14.85	1011.75
4.83	5.19	14.87	1011.77
4.45	5.19	14.89	1011.78
4.83	5.19	14.89	1011.78
5.21	5.18	14.86	1011.76

Station: SA3 Date: 28_AUGUST

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
2.38	4.52	9.40	1007.46
2.76	4.52	9.40	1007.47
3.32	4.51	9.79	1007.78
4.08	4.39	10.16	1008.08
5.02	4.09	10.55	1008.41
6.34	4.01	10.78	1008.59
7.66	3.95	11.04	1008.81
8.22	3.86	11.88	1009.49
8.97	3.72	13.08	1010.45
10.10	3.54	14.79	1011.82
11.23	3.26	15.98	1012.78
11.42	3.16	16.04	1012.83
11.61	3.16	16.06	1012.85

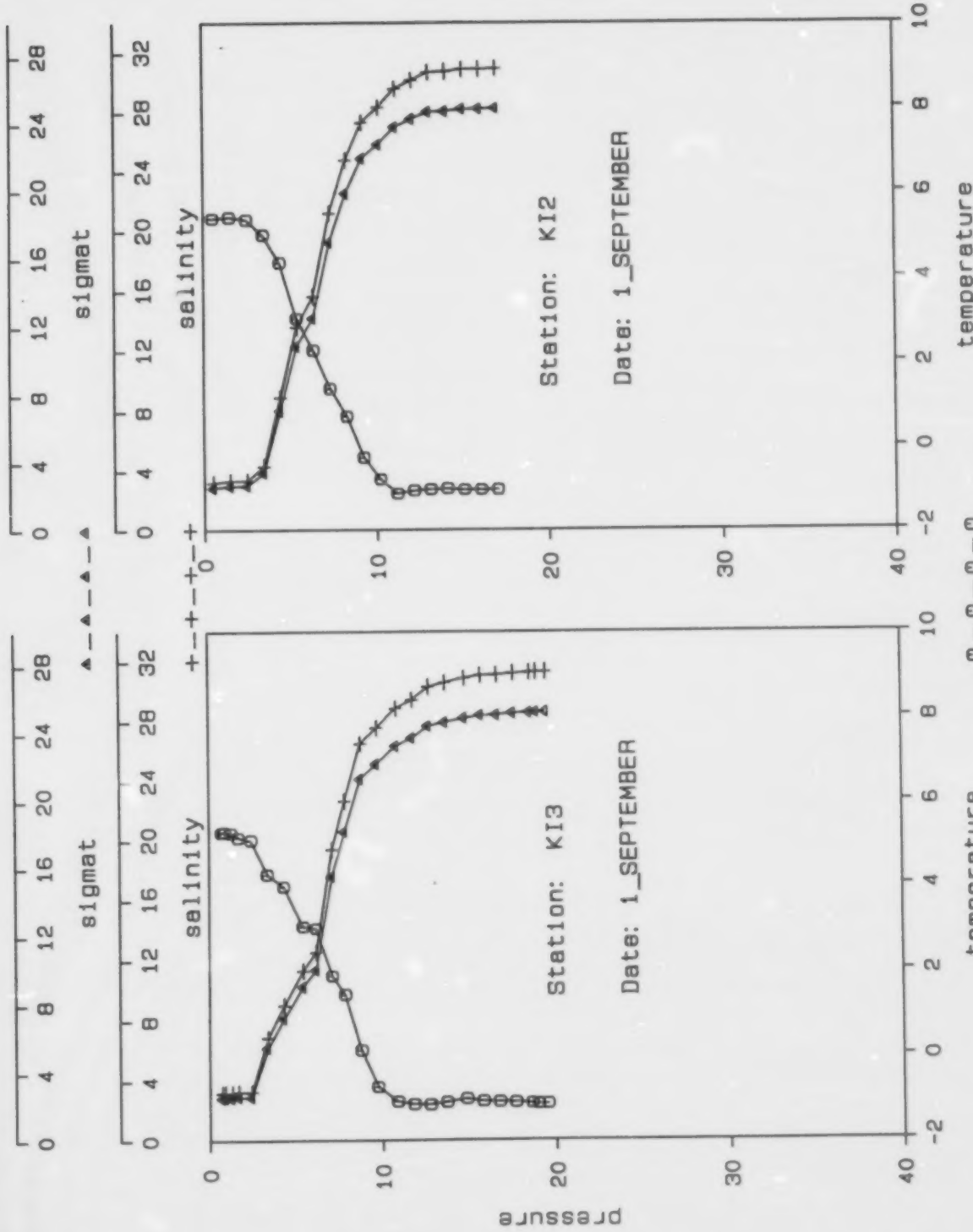

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: SA2
Date: 28_AUGUST
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: SA1
Date: 28_AUGUST
-2 0 2 4 6 8 10
temperature

Station: SA2 Date: 28_AUGUST

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
2.95	4.28	10.82	1008.60
4.83	4.10	11.04	1008.79
6.90	4.04	11.19	1008.92
7.66	3.95	11.59	1009.24
8.60	3.85	12.49	1009.97
8.78	3.78	12.92	1010.32
8.97	3.67	13.71	1010.95
9.73	3.65	13.75	1010.98
10.48	3.64	13.77	1011.00
10.67	3.64	13.79	1011.02
11.04	3.64	13.80	1011.03

Station: SA1 Date: 28_AUGUST

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
2.76	4.76	9.83	1007.80
2.95	4.90	9.78	1007.76
3.32	4.92	9.78	1007.75
3.89	4.92	9.78	1007.76
4.64	4.93	9.78	1007.76
3.70	4.92	9.80	1007.77
2.95	4.92	9.87	1007.83
3.70	4.57	10.63	1008.44
4.45	4.12	11.20	1008.91
5.58	4.05	11.57	1009.22
6.71	3.96	11.92	1009.50
8.03	3.91	12.20	1009.74
9.54	3.86	12.30	1009.83
9.91	3.85	12.32	1009.84
10.48	3.84	12.33	1009.85

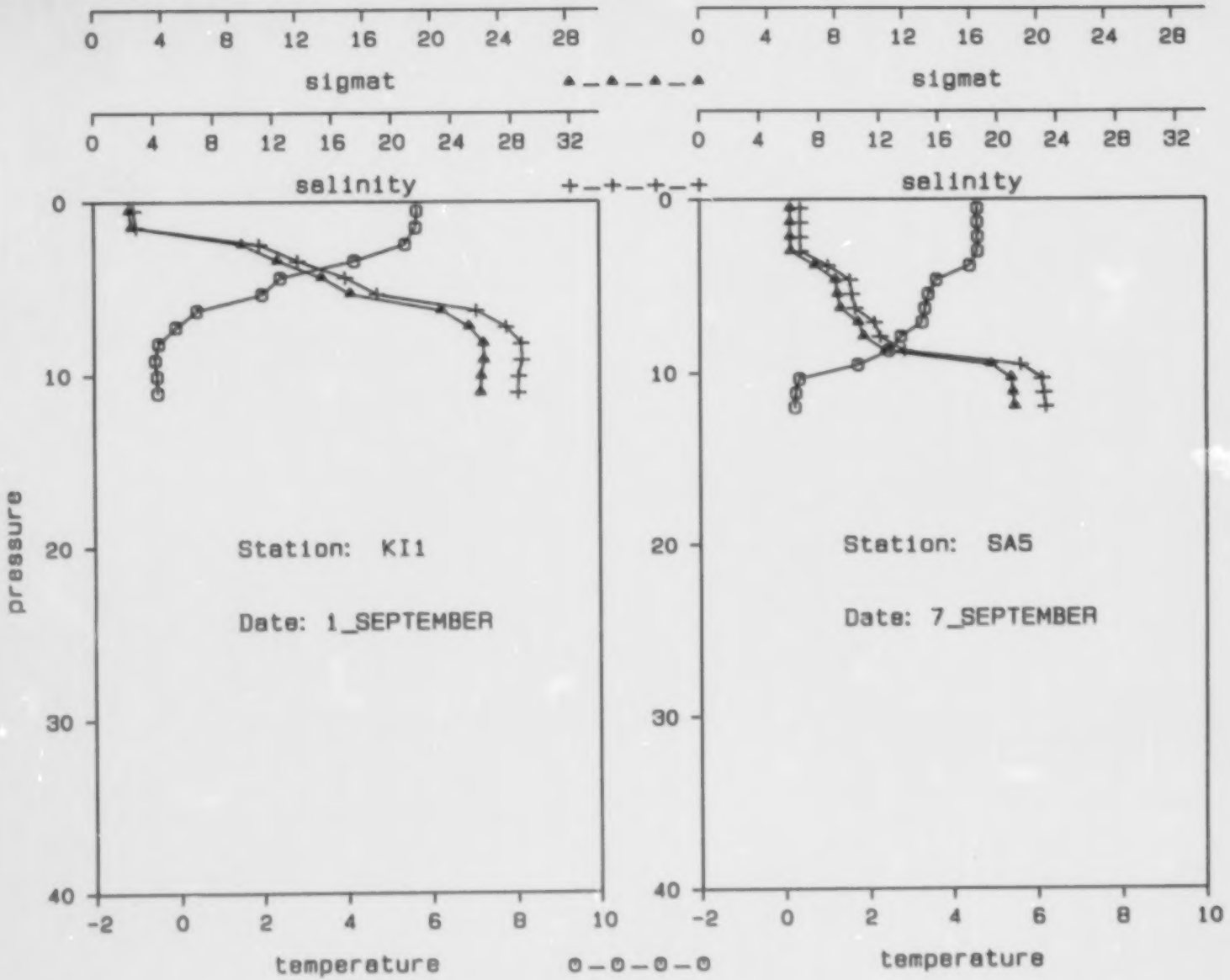

sigmat
salinity
Station: KI2
Date: 1_SEPTEMBER
temperature
sigmat
salinity
Station: KI3
Date: 1_SEPTEMBER
temperature
pressure

Station: KI3 Date: 1_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.70	5.25	3.20	1002.52
0.89	5.27	3.21	1002.53
1.27	5.24	3.20	1002.52
1.64	5.14	3.27	1002.58
2.40	5.07	3.26	1002.58
3.34	4.26	6.87	1005.47
4.28	3.97	9.02	1007.19
5.41	3.03	11.31	1009.04
6.16	2.98	12.55	1010.04
7.10	1.87	19.38	1015.52
7.86	1.44	22.66	1018.16
8.80	0.14	26.50	1021.29
9.74	-0.73	27.58	1022.19
10.87	-1.07	28.88	1023.25
11.81	-1.15	29.45	1023.72
12.75	-1.16	30.33	1024.43
13.69	-1.10	30.59	1024.65
14.82	-1.02	30.89	1024.89
15.76	-1.07	31.09	1025.06
16.71	-1.08	31.12	1025.09
17.65	-1.10	31.24	1025.20
18.59	-1.12	31.28	1025.23
18.96	-1.14	31.32	1025.27
19.53	-1.14	31.32	1025.27

Station: KI2 Date: 1_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	5.37	3.21	1002.52
1.47	5.40	3.33	1002.62
2.44	5.34	3.35	1002.64
3.41	4.98	4.33	1003.44
4.38	4.33	8.93	1007.11
5.35	3.02	13.65	1010.91
6.32	2.27	15.68	1012.55
7.29	1.37	21.22	1017.00
8.26	0.72	24.78	1019.88
9.24	-0.26	27.32	1021.96
10.21	-0.79	28.34	1022.80
11.18	-1.14	29.60	1023.84
12.15	-1.07	30.18	1024.31
13.12	-1.04	30.70	1024.74
14.09	-1.02	30.75	1024.78
15.06	-1.05	30.90	1024.91
16.03	-1.05	30.92	1024.93
17.00	-1.04	30.96	1024.96

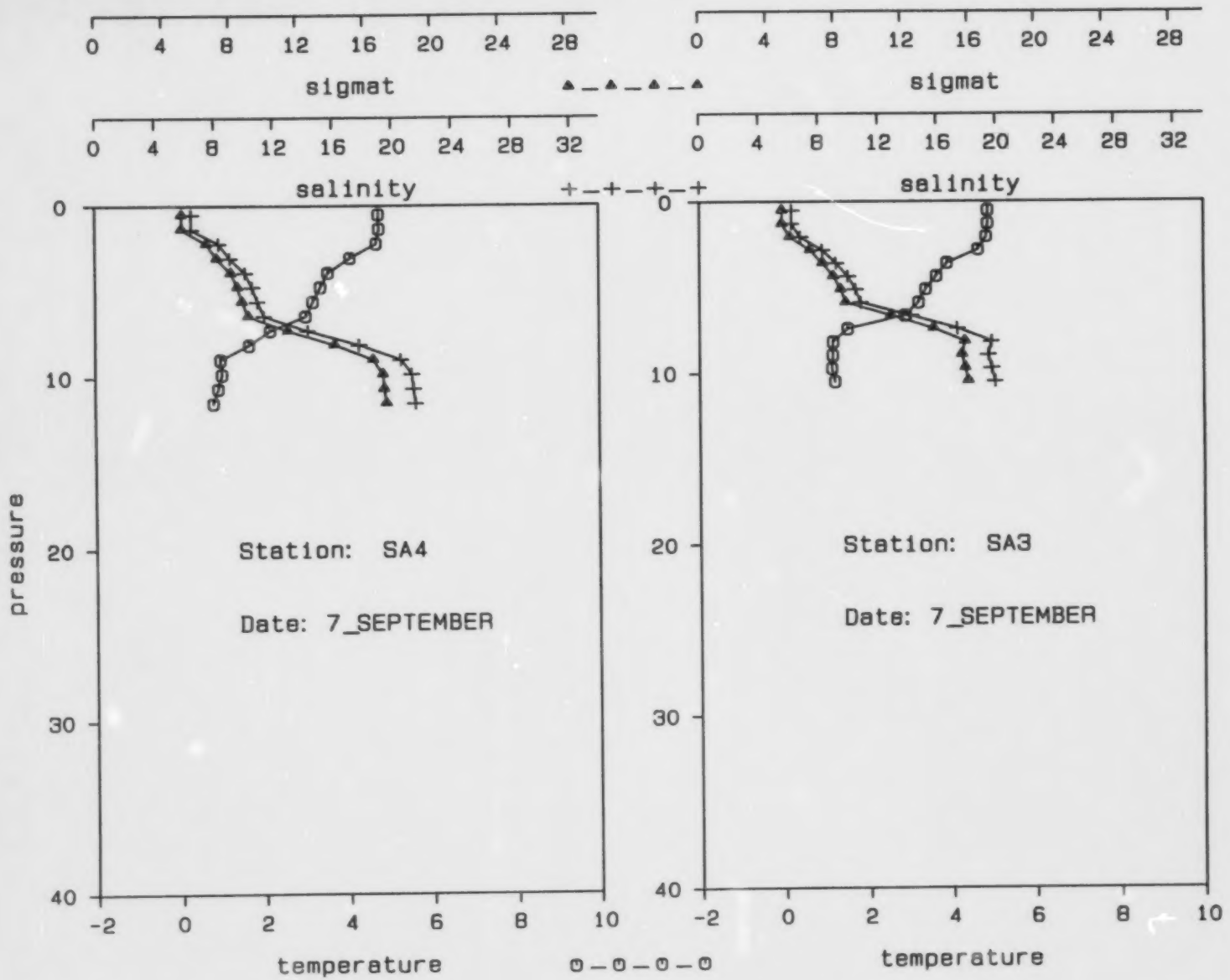

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: KI1
Date: 1_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
Station: SA5
Date: 7_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: KI1 Date: 1_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	5.66	2.64	1002.06
1.45	5.63	2.81	1002.20
2.41	5.38	11.11	1008.77
3.36	4.19	13.71	1010.89
4.32	2.41	16.90	1013.51
5.27	1.98	19.03	1015.23
6.23	0.43	25.64	1020.58
7.18	-0.08	27.65	1022.21
8.14	-0.50	28.67	1023.05
9.09	-0.58	28.70	1023.09
10.05	-0.52	28.49	1022.91
11.00	-0.51	28.44	1022.88

Station: SA5 Date: 7_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	4.58	6.73	1005.34
1.32	4.58	6.73	1005.34
2.14	4.59	6.73	1005.34
2.96	4.59	6.77	1005.38
3.79	4.40	8.57	1006.82
4.61	3.61	10.04	1008.02
5.43	3.42	10.17	1008.13
6.25	3.34	10.40	1008.31
7.07	3.26	11.70	1009.35
7.89	2.76	12.09	1009.68
8.71	2.47	13.74	1011.00
9.54	1.73	21.55	1017.27
10.36	0.35	23.00	1018.47
11.18	0.27	23.12	1018.57
12.00	0.25	23.24	1018.67

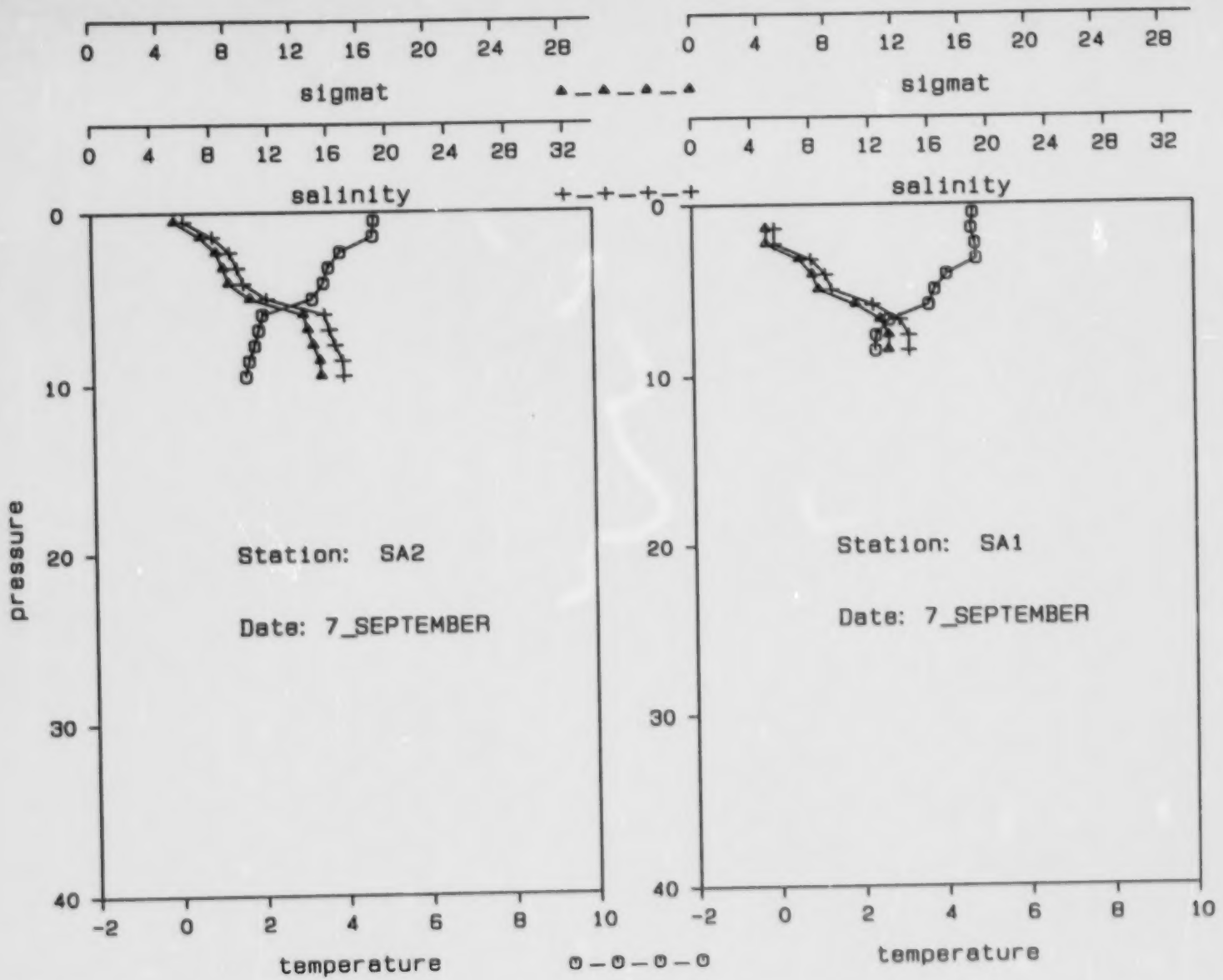

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: SA4
Date: 7_SEPTEMBER
Station: SA3
Date: 7_SEPTEMBER
-2 0 2 4 6 8 10
temperature
-2 0 2 4 6 8 10
temperature

Station: SA4 Date: 7_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	4.75	6.47	1005.12
1.35	4.76	6.47	1005.13
2.19	4.69	8.32	1006.61
3.04	4.06	9.07	1007.22
3.88	3.54	10.11	1008.07
4.73	3.35	10.58	1008.45
5.58	3.17	10.93	1008.74
6.42	3.00	11.38	1009.10
7.27	2.16	14.31	1011.46
8.12	1.66	17.75	1014.23
8.96	0.97	20.57	1016.50
9.81	1.00	21.31	1017.10
10.65	0.91	21.41	1017.19
11.50	0.80	21.55	1017.31

Station: SA3 Date: 7_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	4.87	6.21	1004.92
1.27	4.87	6.20	1004.91
2.04	4.84	6.79	1005.38
2.81	4.64	8.27	1006.57
3.58	3.90	9.18	1007.32
4.35	3.64	9.97	1007.96
5.12	3.39	10.49	1008.38
5.88	3.22	10.85	1008.67
6.65	2.88	14.27	1011.41
7.42	1.51	17.39	1013.94
8.19	1.17	19.70	1015.80
8.96	1.16	19.48	1015.63
9.73	1.14	19.72	1015.82
10.50	1.21	19.94	1016.00

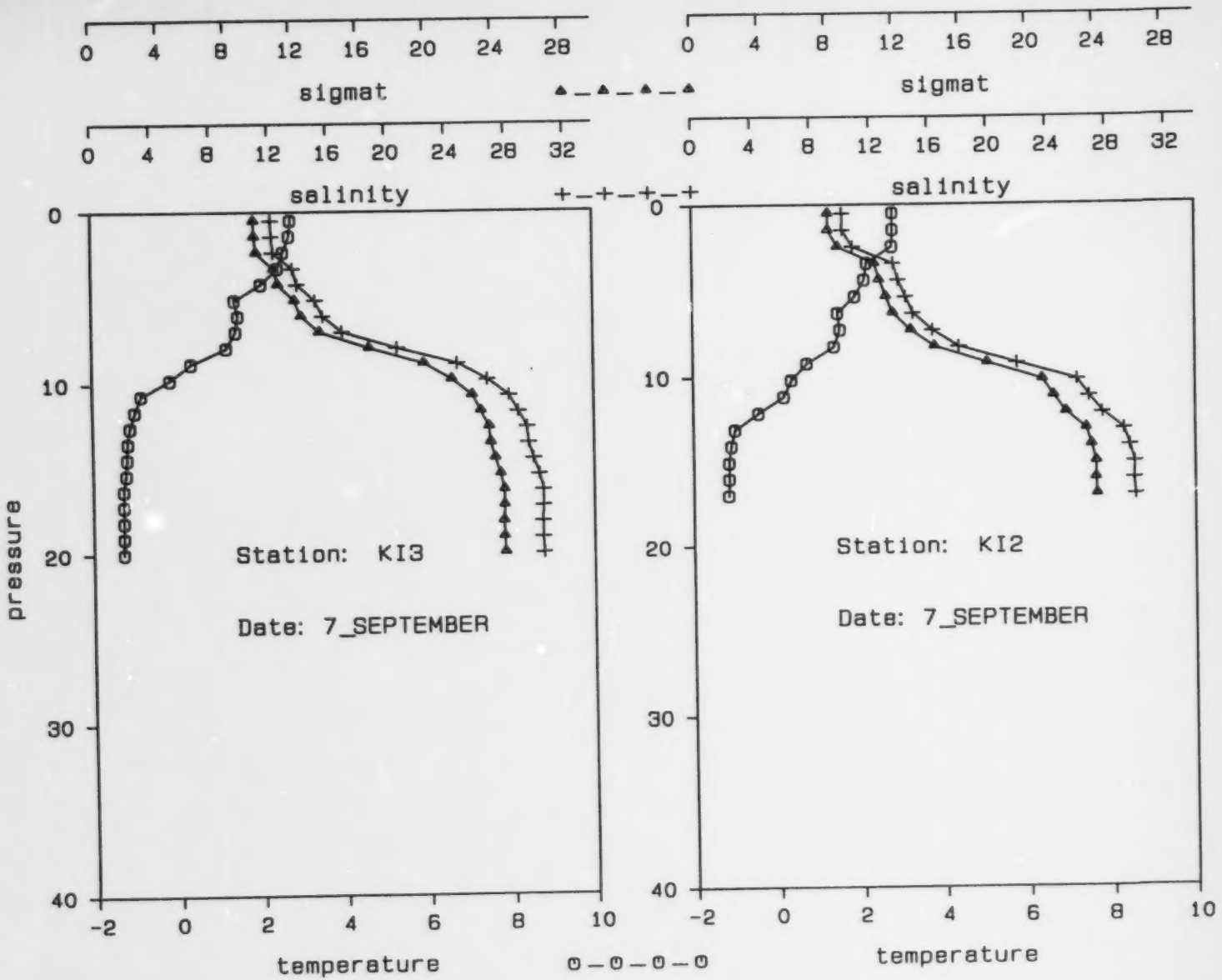

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: SA2
Date: 7_SEPTEMBER
-2 0 2 4 6 8 10
temperature
Station: SA1
Date: 7_SEPTEMBER

Station: SA2 Date: 7_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	4.76	6.22	1004.93
1.40	4.73	8.16	1006.47
2.30	3.95	9.29	1007.40
3.20	3.66	9.80	1007.82
4.10	3.54	10.21	1008.15
5.00	3.26	11.78	1009.40
5.90	2.05	15.74	1012.60
6.80	1.96	16.07	1012.87
7.70	1.86	16.47	1013.19
8.60	1.73	16.98	1013.61
9.50	1.65	17.04	1013.66

Station: SA1 Date: 7_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
1.39	4.67	5.59	1004.43
2.28	4.77	5.58	1004.43
3.17	4.79	8.04	1006.38
4.06	4.08	8.99	1007.16
4.94	3.79	9.45	1007.54
5.83	3.64	12.20	1009.73
6.72	2.69	14.01	1011.20
7.61	2.38	14.62	1011.71
8.50	2.36	14.60	1011.69

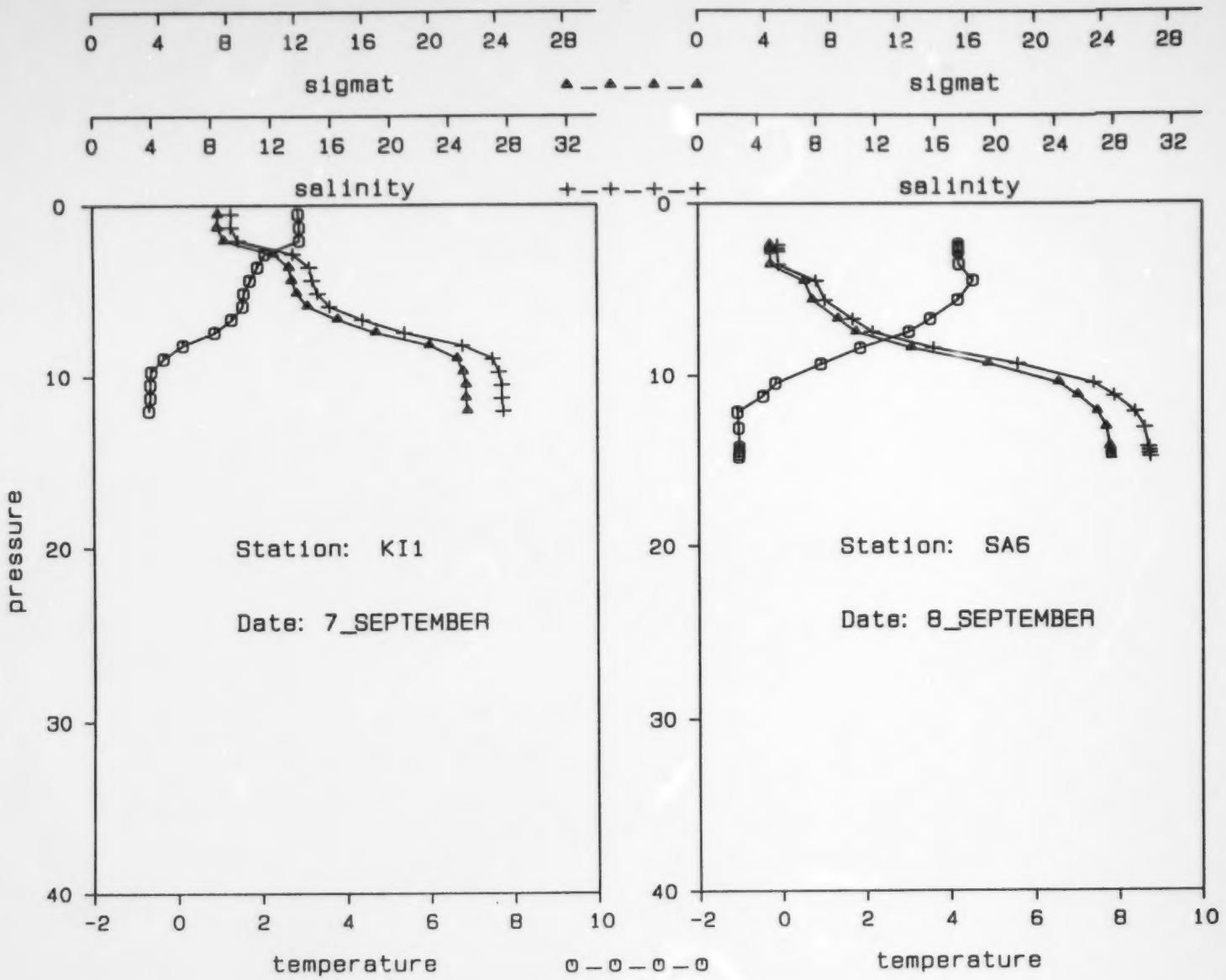

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: KI3
Date: 7_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: KI2
Date: 7_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: KI3 Date: 7_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	2.78	12.18	1009.72
1.43	2.74	12.23	1009.76
2.36	2.59	12.34	1009.86
3.29	2.45	13.65	1010.91
4.21	2.05	13.95	1011.16
5.14	1.40	15.17	1012.15
6.07	1.49	15.66	1012.54
7.00	1.43	17.00	1013.62
7.93	1.20	20.72	1016.61
8.86	0.35	24.73	1019.86
9.79	-0.15	26.76	1021.51
10.71	-0.84	28.22	1022.71
11.64	-0.99	28.83	1023.21
12.57	-1.11	29.42	1023.70
13.50	-1.17	29.51	1023.78
14.43	-1.19	29.83	1024.04
15.36	-1.22	30.21	1024.35
16.29	-1.28	30.48	1024.57
17.21	-1.28	30.48	1024.58
18.14	-1.28	30.43	1024.55
19.07	-1.28	30.45	1024.57
20.00	-1.29	30.51	1024.62

Station: KI2 Date: 7_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	2.79	10.16	1008.10
1.47	2.79	10.16	1008.11
2.44	2.78	10.86	1008.67
3.41	2.16	13.60	1010.87
4.38	2.10	13.95	1011.16
5.35	1.87	14.44	1011.56
6.32	1.46	14.92	1011.96
7.29	1.51	16.29	1013.05
8.26	1.37	18.07	1014.48
9.24	0.72	21.97	1017.64
10.21	0.34	26.01	1020.89
11.18	0.16	26.82	1021.56
12.15	-0.44	27.71	1022.30
13.12	-1.00	29.17	1023.50
14.09	-1.09	29.56	1023.81
15.06	-1.16	29.87	1024.07
16.03	-1.16	29.85	1024.06
17.00	-1.16	29.92	1024.13

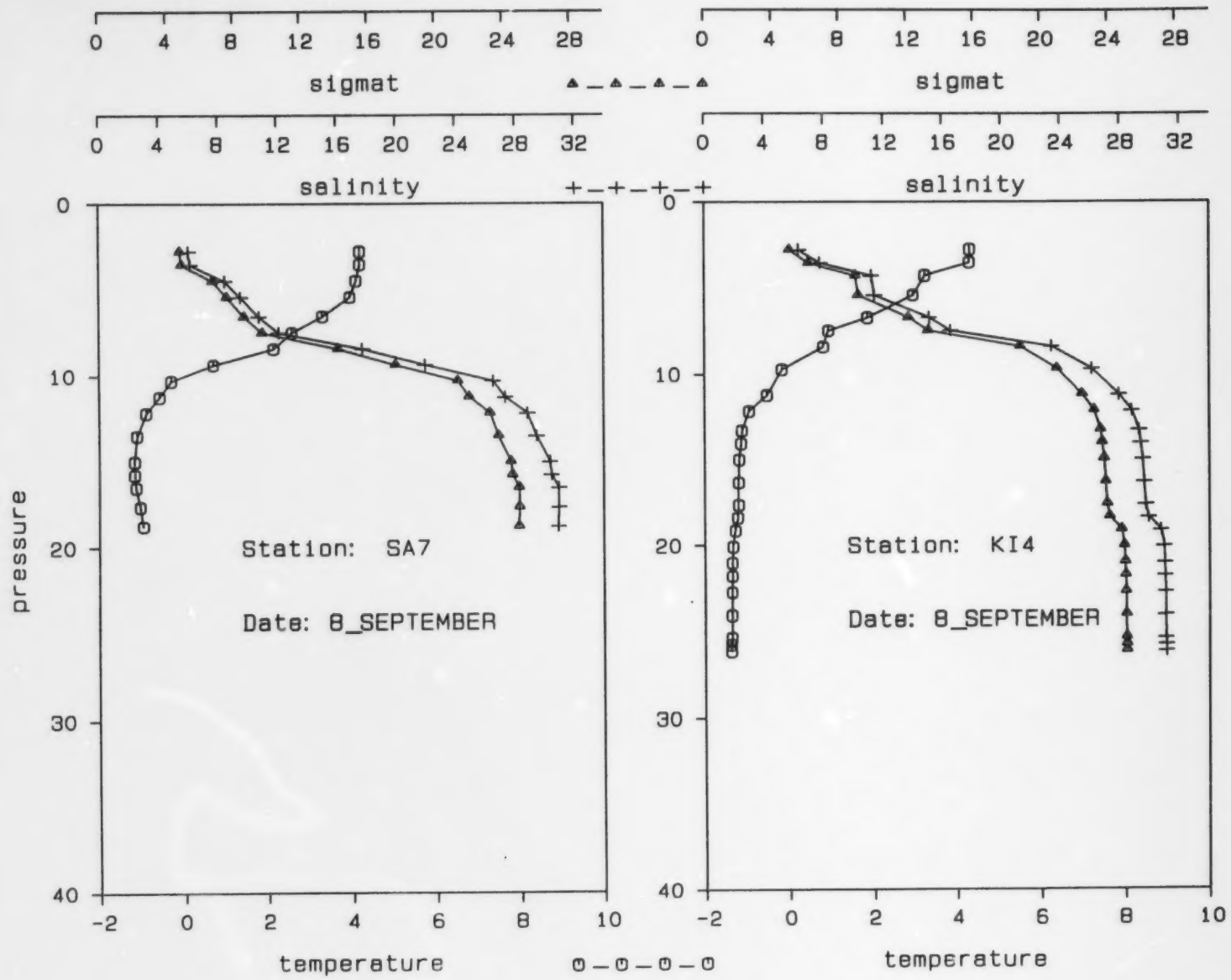

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: KI1
Date: 7_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: SA6
Date: 8_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: KI1 Date: 7_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	2.88	9.34	1007.45
1.27	2.90	9.31	1007.43
2.03	2.90	9.80	1007.83
2.80	2.09	13.43	1010.74
3.57	1.91	14.55	1011.64
4.33	1.73	14.74	1011.80
5.10	1.58	15.10	1012.09
5.87	1.56	15.90	1012.73
6.63	1.29	18.11	1014.51
7.40	0.90	20.93	1016.78
8.17	0.14	24.89	1019.99
8.93	-0.32	26.93	1021.65
9.70	-0.62	27.36	1022.01
10.47	-0.64	27.56	1022.17
11.23	-0.64	27.56	1022.18
12.00	-0.68	27.66	1022.26

Station: SA6 Date: 8_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
2.38	4.20	5.37	1004.28
2.57	4.20	5.36	1004.27
2.76	4.20	5.37	1004.28
3.51	4.20	5.42	1004.32
4.45	4.54	7.98	1006.35
5.58	4.19	8.58	1006.84
6.71	3.54	10.47	1008.36
7.47	3.03	11.78	1009.43
8.41	1.87	15.87	1012.72
9.35	0.93	21.50	1017.25
10.48	-0.15	26.59	1021.38
11.23	-0.46	28.01	1022.54
12.17	-1.07	29.43	1023.70
13.12	-1.05	30.07	1024.23
14.25	-1.03	30.33	1024.44
14.25	-1.03	30.39	1024.49
14.43	-1.03	30.41	1024.51
14.62	-1.03	30.41	1024.51
14.81	-1.04	30.46	1024.55

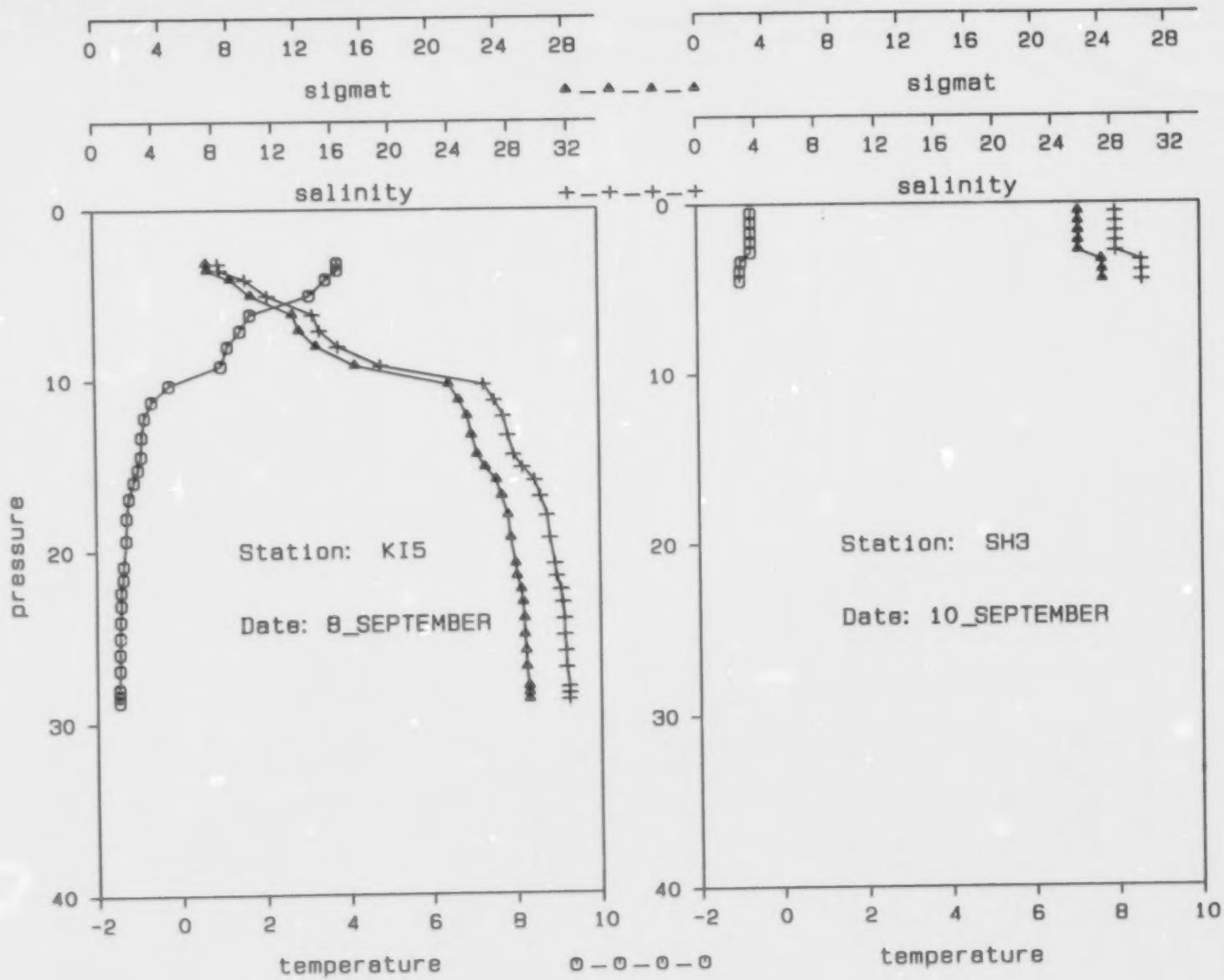

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: SA7
Date: 8_SEPTEMBER
Station: KI4
Date: 8_SEPTEMBER
-2 0 2 4 6 8 10
temperature
-2 0 2 4 6 8 10
temperature

Station: SA7 Date: 8_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
2.76	4.20	6.01	1004.78
3.51	4.20	6.13	1004.89
4.45	4.11	8.47	1006.75
5.40	3.97	9.54	1007.61
6.53	3.32	10.80	1008.64
7.47	2.60	12.15	1009.73
8.41	2.16	17.75	1014.21
9.35	0.72	21.96	1017.62
10.29	-0.30	26.52	1021.32
11.23	-0.58	27.34	1021.99
12.17	-0.89	28.83	1023.21
13.49	-1.11	29.44	1023.72
15.00	-1.17	30.35	1024.46
15.75	-1.16	30.44	1024.54
16.50	-1.14	30.94	1024.95
17.63	-1.04	30.95	1024.96
18.76	-0.97	30.91	1024.93

Station: KI4 Date: 8_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
2.76	4.32	6.34	1005.05
3.51	4.31	7.78	1006.19
4.27	3.25	11.23	1008.97
5.40	2.97	11.43	1009.14
6.71	1.87	15.15	1012.13
7.47	0.95	16.61	1013.32
8.41	0.82	23.43	1018.80
9.73	-0.15	26.11	1020.99
11.23	-0.51	27.94	1022.48
12.17	-0.94	28.79	1023.18
13.30	-1.11	29.25	1023.56
14.06	-1.13	29.37	1023.67
15.00	-1.17	29.50	1023.78
16.32	-1.19	29.60	1023.86
17.63	-1.19	29.71	1023.96
18.39	-1.21	29.89	1024.11
19.14	-1.27	30.74	1024.80
20.08	-1.33	30.93	1024.96
21.02	-1.35	30.99	1025.01
21.78	-1.35	31.01	1025.03
22.72	-1.35	31.04	1025.06
24.04	-1.36	31.05	1025.08
25.35	-1.36	31.07	1025.10
25.73	-1.37	31.10	1025.12
26.11	-1.37	31.10	1025.13

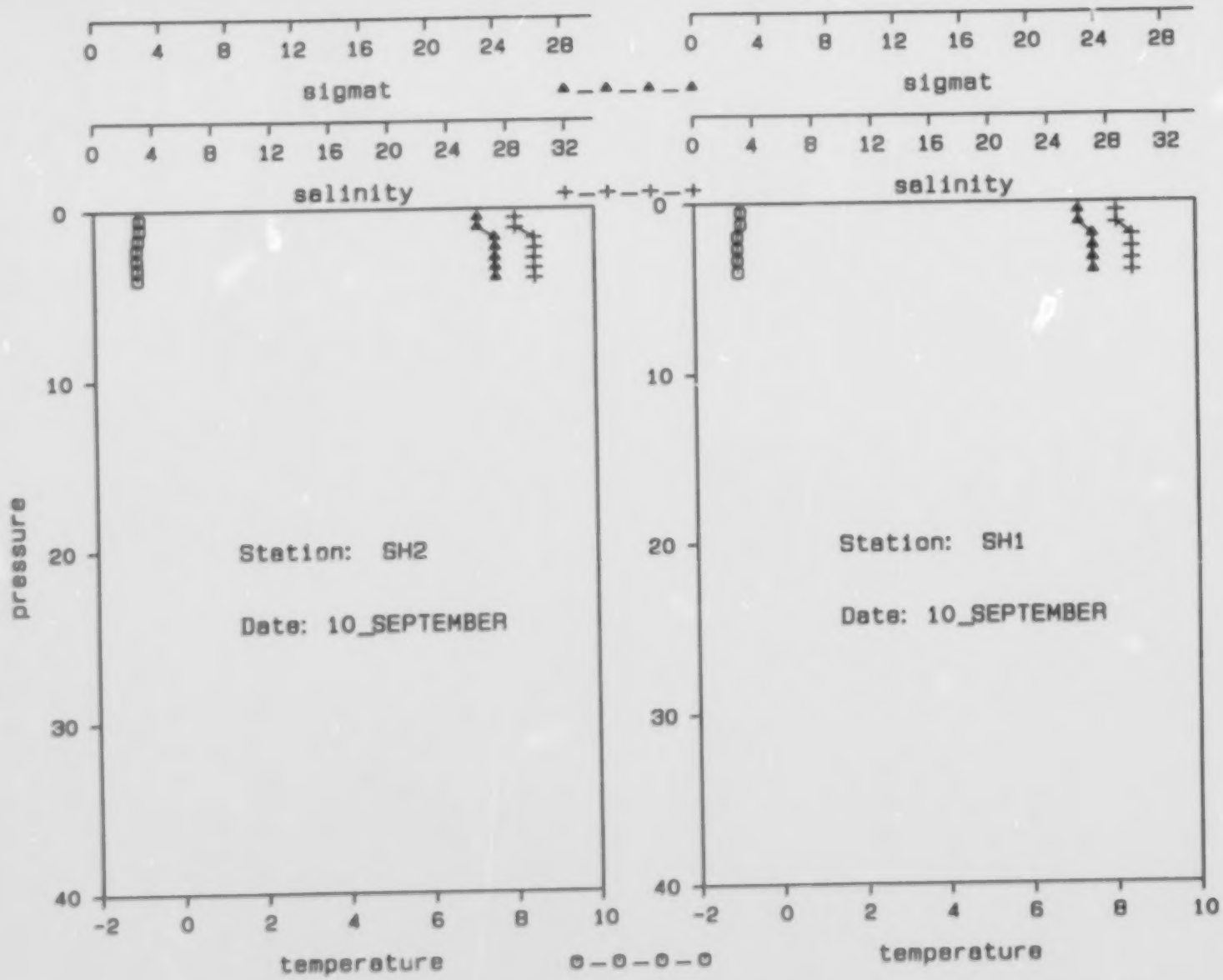

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
Station: KI5
Date: 8_SEPTEMBER
Station: SH3
Date: 10_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: KI5 Date: 8_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
3.14	3.78	8.36	1006.67
3.51	3.78	8.44	1006.73
4.08	3.50	10.14	1008.10
5.02	3.10	11.62	1009.29
6.15	1.69	14.66	1011.74
7.09	1.46	15.13	1012.13
8.03	1.15	16.39	1013.14
9.16	1.00	19.32	1015.50
10.29	-0.22	26.25	1021.11
11.23	-0.64	26.98	1021.71
12.17	-0.82	27.58	1022.20
13.30	-0.89	27.87	1022.44
14.43	-0.91	28.27	1022.77
15.19	-0.98	28.83	1023.23
15.94	-1.09	29.65	1023.90
16.88	-1.21	30.02	1024.21
18.01	-1.27	30.47	1024.57
19.33	-1.28	30.65	1024.73
20.84	-1.35	30.98	1025.00
21.59	-1.36	31.07	1025.08
22.34	-1.42	31.36	1025.32
23.09	-1.42	31.47	1025.41
24.04	-1.44	31.57	1025.50
24.98	-1.45	31.58	1025.51
25.92	-1.45	31.68	1025.60
26.86	-1.45	31.70	1025.62
27.99	-1.47	31.86	1025.76
28.37	-1.47	31.89	1025.78
28.74	-1.47	31.86	1025.76

Station: SH3 Date: 10_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	-0.70	28.34	1022.75
1.07	-0.70	28.34	1022.75
1.64	-0.70	28.36	1022.77
2.21	-0.70	28.36	1022.78
2.79	-0.70	28.34	1022.76
3.36	-0.94	30.06	1024.17
3.93	-0.97	30.11	1024.21
4.50	-0.97	30.11	1024.21

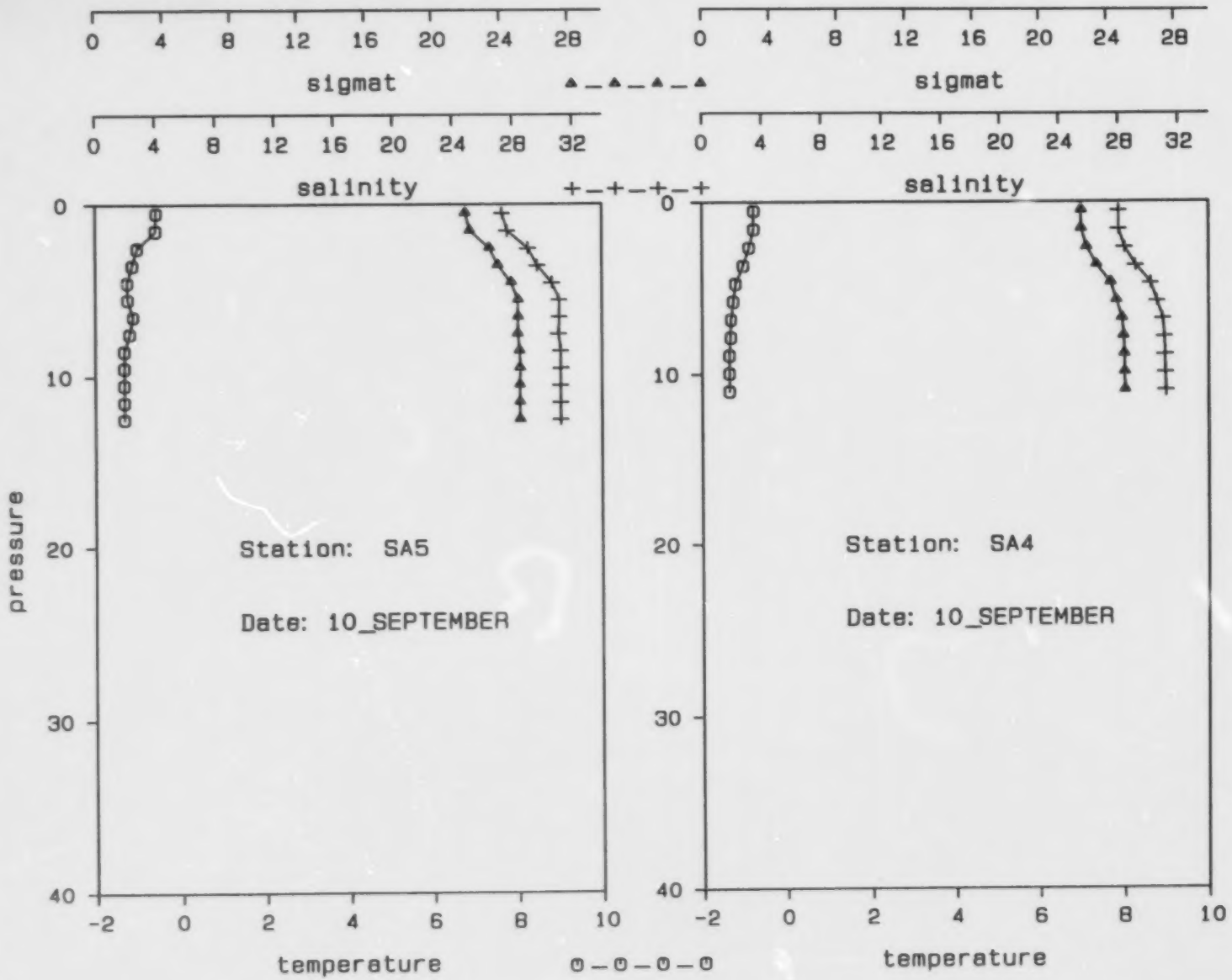

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: SH2
Date: 10_SEPTEMBER
Station: SH1
Date: 10_SEPTEMBER
-2 0 2 4 6 8 10
temperature
-2 0 2 4 6 8 10
temperature

Station: SH2 Date: 10_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	-0.92	28.56	1022.94
1.08	-0.92	28.56	1022.94
1.67	-0.95	29.84	1023.98
2.25	-0.98	29.88	1024.02
2.83	-0.98	29.86	1024.00
3.42	-0.98	29.87	1024.01
4.00	-0.98	29.89	1024.03

Station: SH1 Date: 10_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	-0.88	28.61	1022.98
1.20	-0.88	28.63	1023.00
1.90	-0.97	29.65	1023.83
2.60	-0.97	29.67	1023.85
3.30	-0.97	29.67	1023.85
4.00	-0.96	29.68	1023.86

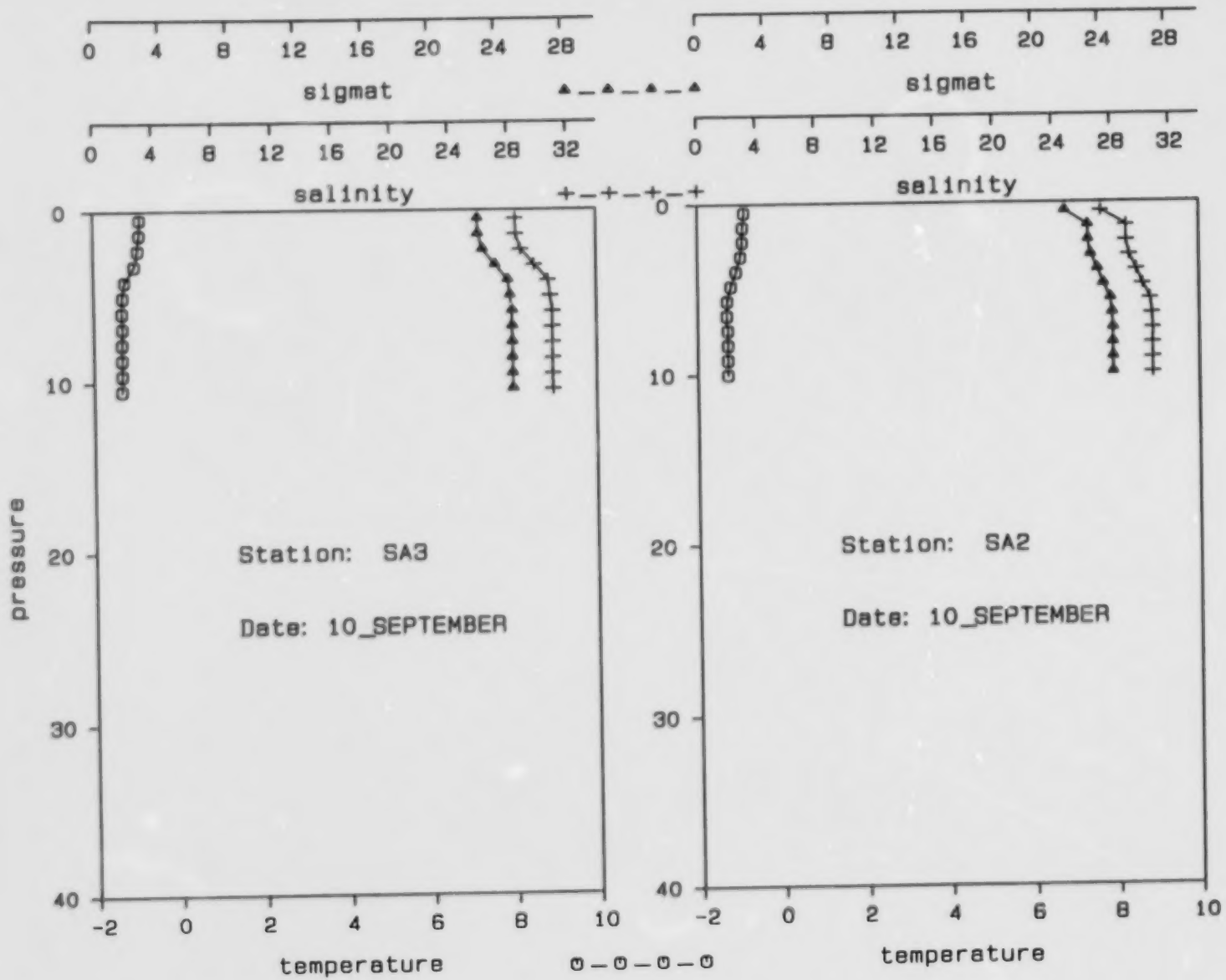

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: SA5
Date: 10_SEPTEMBER
-2 0 2 4 6 8 10
temperature
Station: SA4
Date: 10_SEPTEMBER

Station: SA5 Date: 10_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	-0.57	27.33	1021.93
1.50	-0.59	27.65	1022.20
2.50	-1.02	29.05	1023.35
3.50	-1.14	29.67	1023.86
4.50	-1.26	30.64	1024.65
5.50	-1.25	31.12	1025.04
6.50	-1.12	31.11	1025.04
7.50	-1.20	31.09	1025.03
8.50	-1.33	31.22	1025.14
9.50	-1.33	31.24	1025.16
10.50	-1.33	31.22	1025.15
11.50	-1.33	31.22	1025.15
12.50	-1.33	31.22	1025.16

Station: SA4 Date: 10_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	-0.77	28.02	1022.50
1.55	-0.77	28.02	1022.51
2.60	-0.88	28.42	1022.83
3.65	-1.02	29.14	1023.42
4.70	-1.20	30.16	1024.26
5.75	-1.26	30.57	1024.60
6.80	-1.31	30.97	1024.93
7.85	-1.32	31.06	1025.01
8.90	-1.35	31.11	1025.06
9.95	-1.35	31.13	1025.08
11.00	-1.35	31.15	1025.10

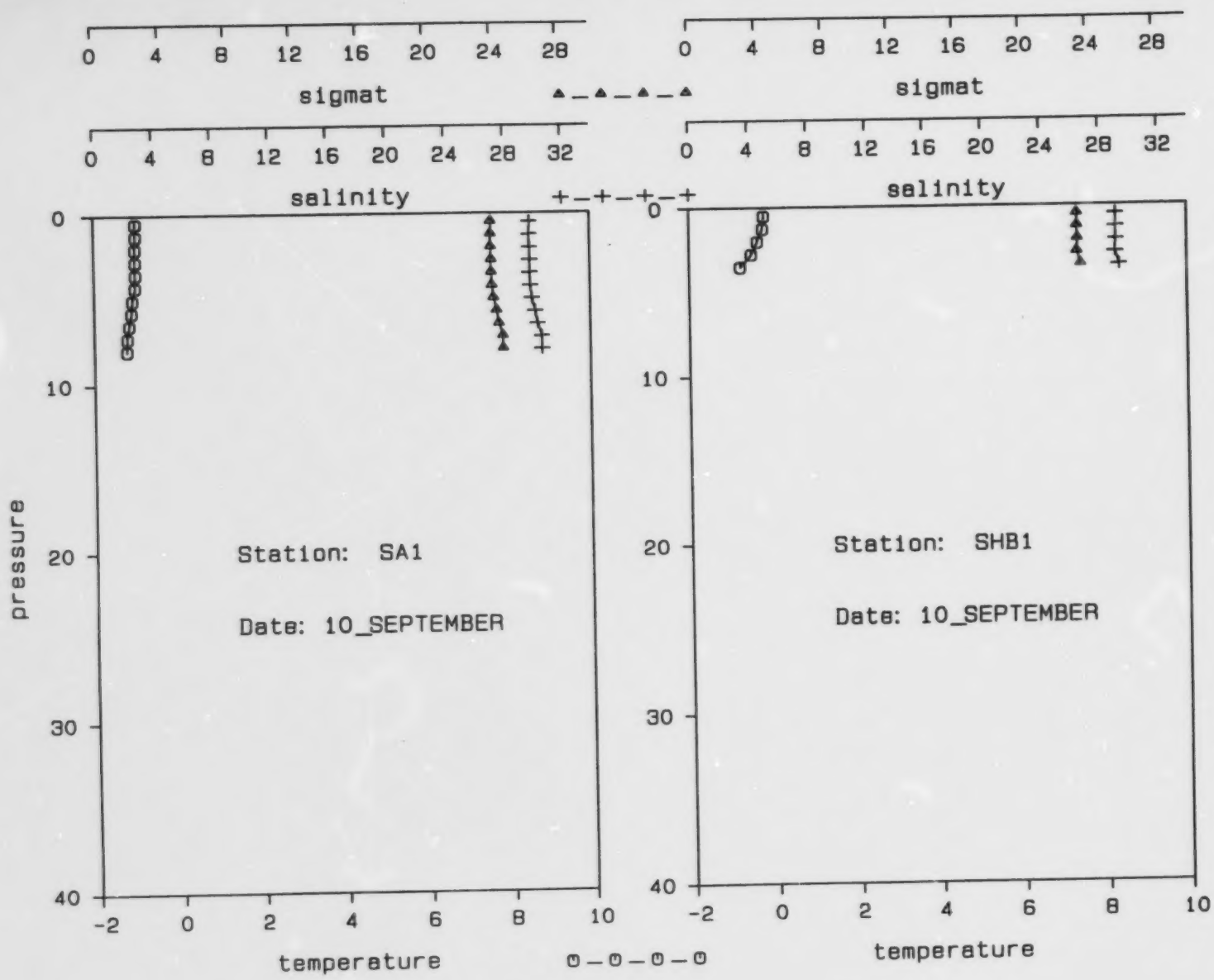

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: SA3
Date: 10_SEPTEMBER
-2 0 2 4 6 8 10
temperature
Station: SA2
Date: 10_SEPTEMBER

Station: SA3 Date: 10_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	-0.88	27.34	1021.95
1.36	-0.91	29.06	1023.34
2.23	-0.92	29.06	1023.35
3.09	-0.97	29.25	1023.51
3.95	-1.07	29.74	1023.91
4.82	-1.20	30.16	1024.26
5.68	-1.29	30.67	1024.68
6.55	-1.30	30.79	1024.78
7.41	-1.28	30.83	1024.82
8.27	-1.28	30.81	1024.81
9.14	-1.28	30.81	1024.81
10.00	-1.28	30.81	1024.82

Station: SA2 Date: 10_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	-0.88	28.53	1022.91
1.41	-0.89	28.56	1022.94
2.32	-0.93	28.88	1023.21
3.23	-1.02	29.79	1023.95
4.14	-1.26	30.72	1024.71
5.05	-1.31	30.86	1024.83
5.95	-1.33	31.01	1024.96
6.86	-1.32	31.00	1024.95
7.77	-1.33	31.01	1024.97
8.68	-1.33	31.01	1024.97
9.59	-1.33	31.01	1024.97
10.50	-1.34	31.02	1024.98

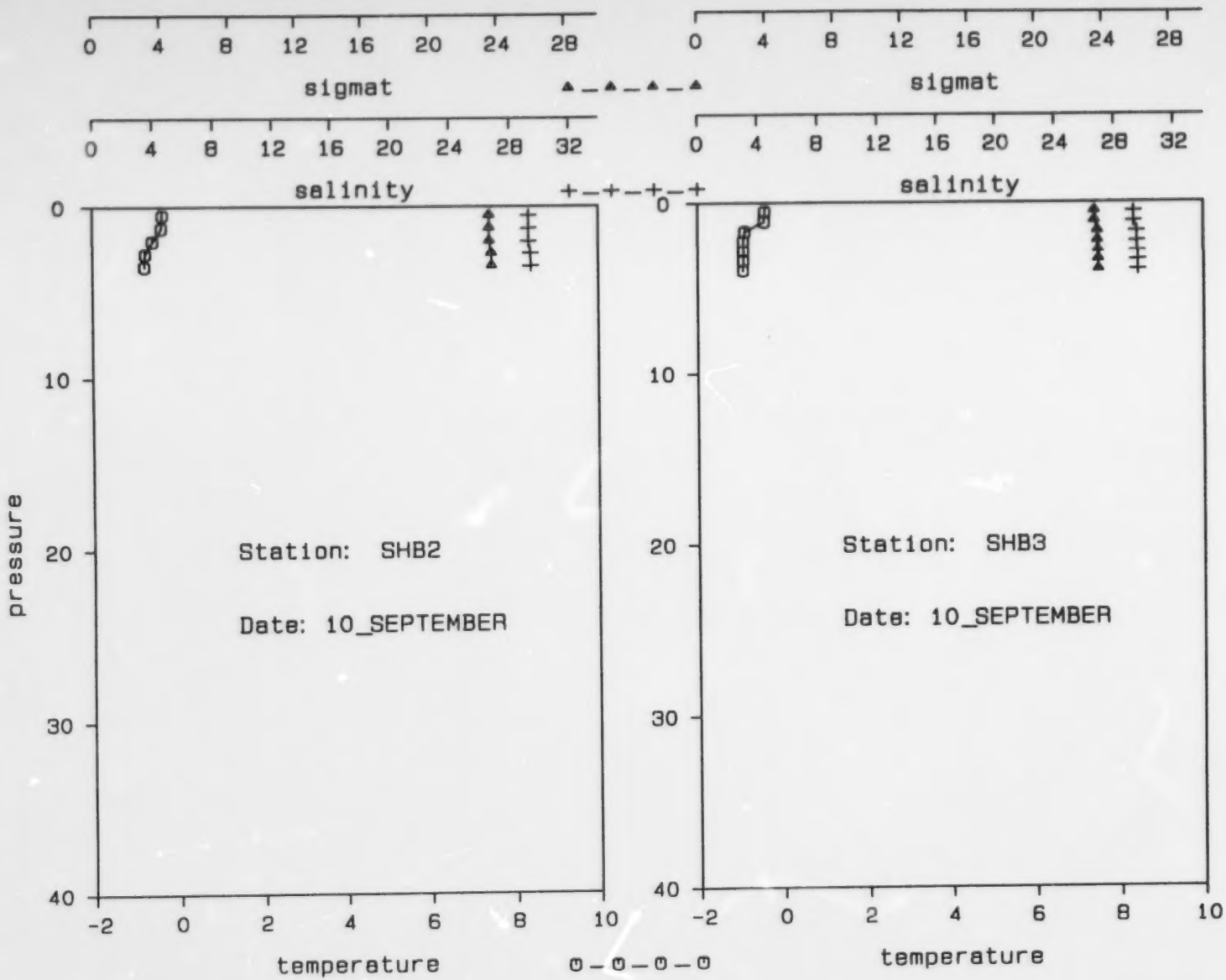

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: SA1
Date: 10_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: SHB1
Date: 10_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: SA1 Date: 10_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	-1.00	29.79	1023.94
1.25	-1.00	29.77	1023.92
2.00	-1.01	29.78	1023.93
2.75	-1.01	29.80	1023.96
3.50	-1.01	29.80	1023.96
4.25	-1.02	29.83	1023.99
5.00	-1.08	29.94	1024.08
5.75	-1.11	30.15	1024.26
6.50	-1.16	30.31	1024.39
7.25	-1.22	30.60	1024.63
8.00	-1.23	30.61	1024.64

Station: SHB1 Date: 10_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	-0.22	29.15	1023.40
1.25	-0.24	29.16	1023.41
2.00	-0.37	29.18	1023.43
2.75	-0.51	29.13	1023.40
3.50	-0.78	29.38	1023.61

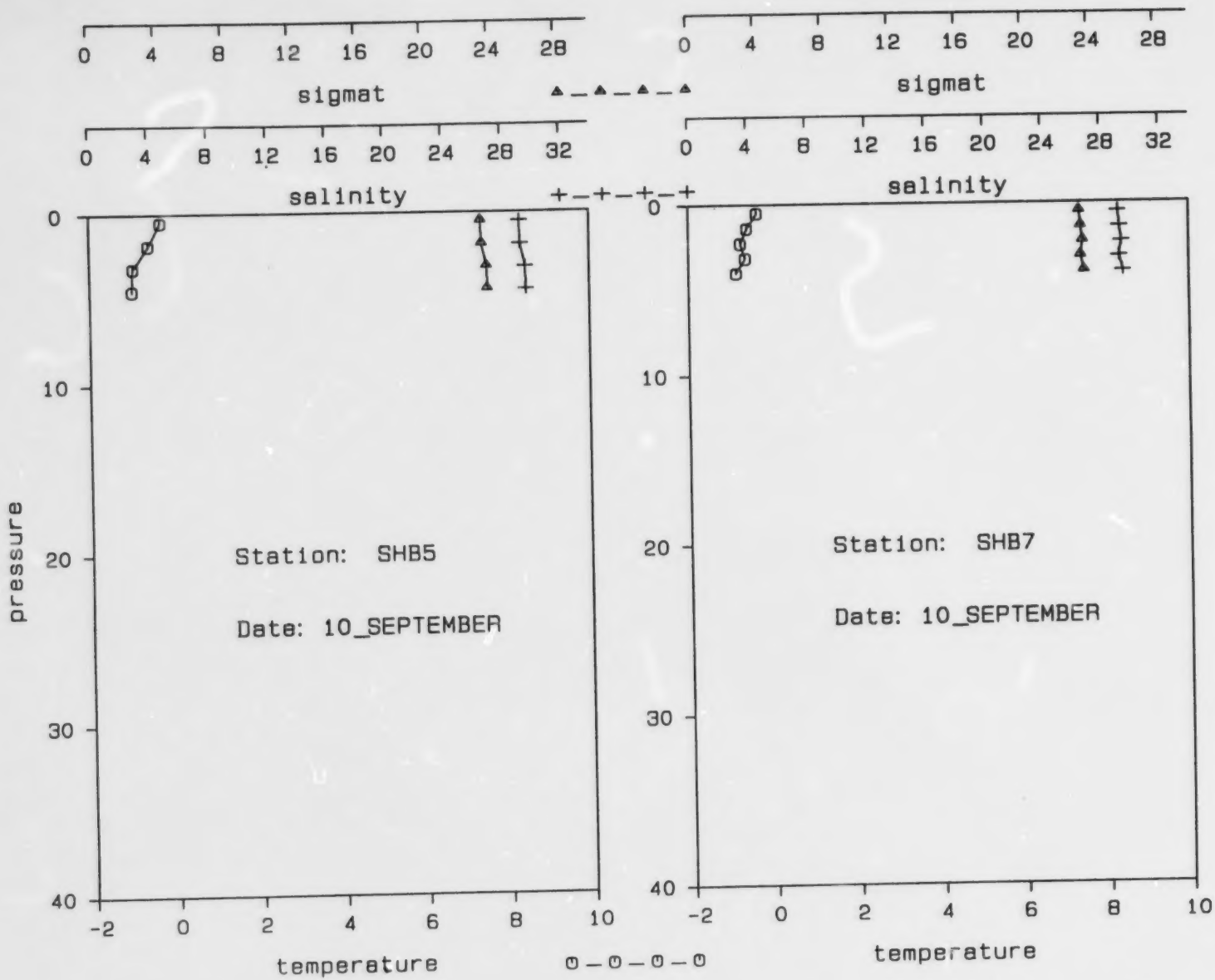

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: SHB2
Date: 10_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: SHB3
Date: 10_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: SHB2 Date: 10_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	-0.36	29.29	1023.51
1.25	-0.38	29.29	1023.52
2.00	-0.59	29.28	1023.52
2.75	-0.76	29.43	1023.65
3.50	-0.78	29.44	1023.66

Station: SHB3 Date: 10_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	-0.41	29.33	1023.55
1.08	-0.42	29.33	1023.55
1.67	-0.88	29.54	1023.74
2.25	-0.91	29.56	1023.75
2.83	-0.91	29.58	1023.77
3.42	-0.91	29.58	1023.77
4.00	-0.92	29.59	1023.78

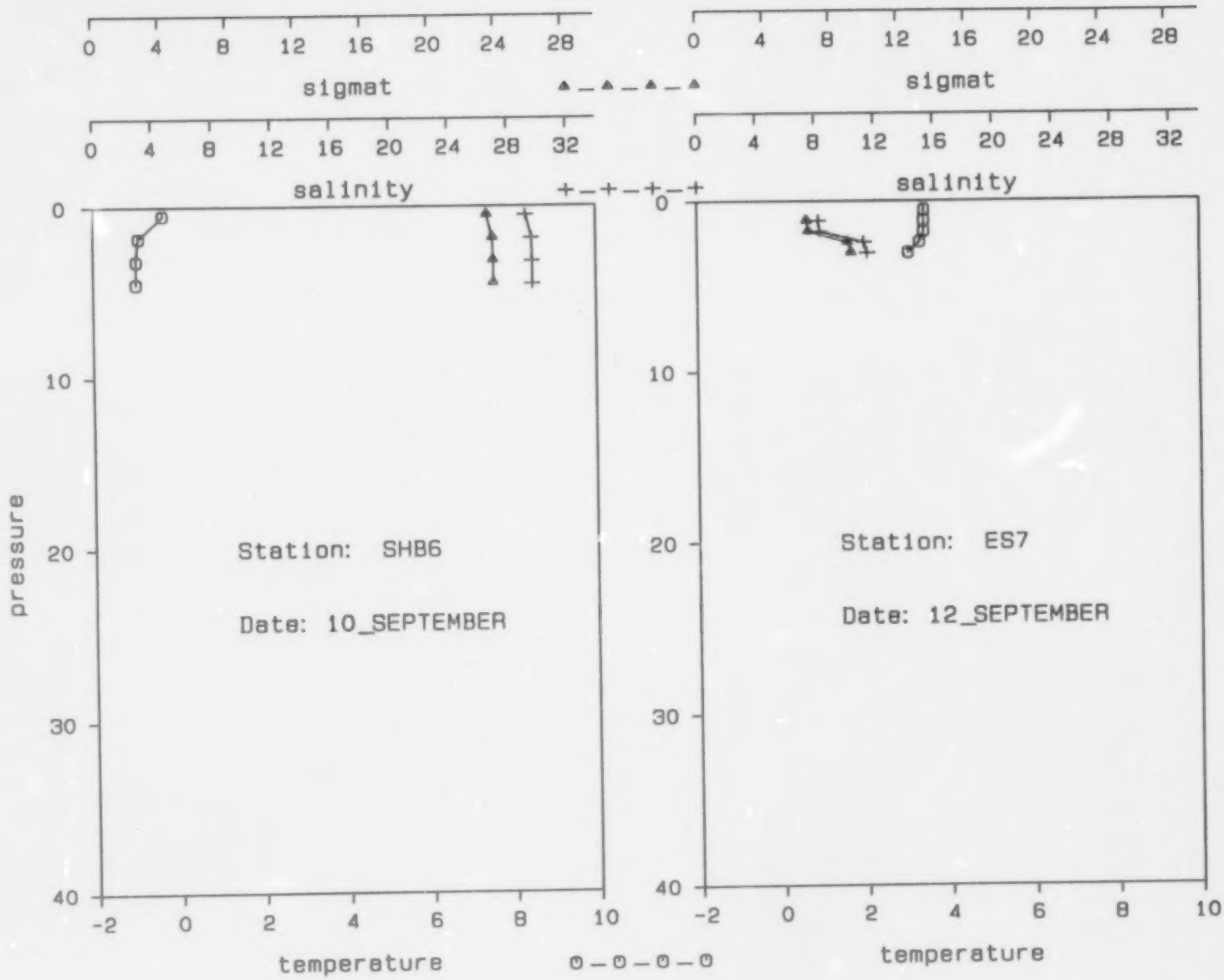

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: SHB5
Date: 10_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: SHB7
Date: 10_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: SHB5 Date: 10_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	-0.29	29.28	1023.50
1.83	-0.59	29.32	1023.55
3.17	-0.96	29.66	1023.84
4.50	-0.98	29.69	1023.87

Station: SHB7 Date: 10_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	-0.35	29.22	1023.46
1.38	-0.59	29.32	1023.55
2.25	-0.74	29.45	1023.66
3.12	-0.62	29.29	1023.54
4.00	-0.85	29.54	1023.74

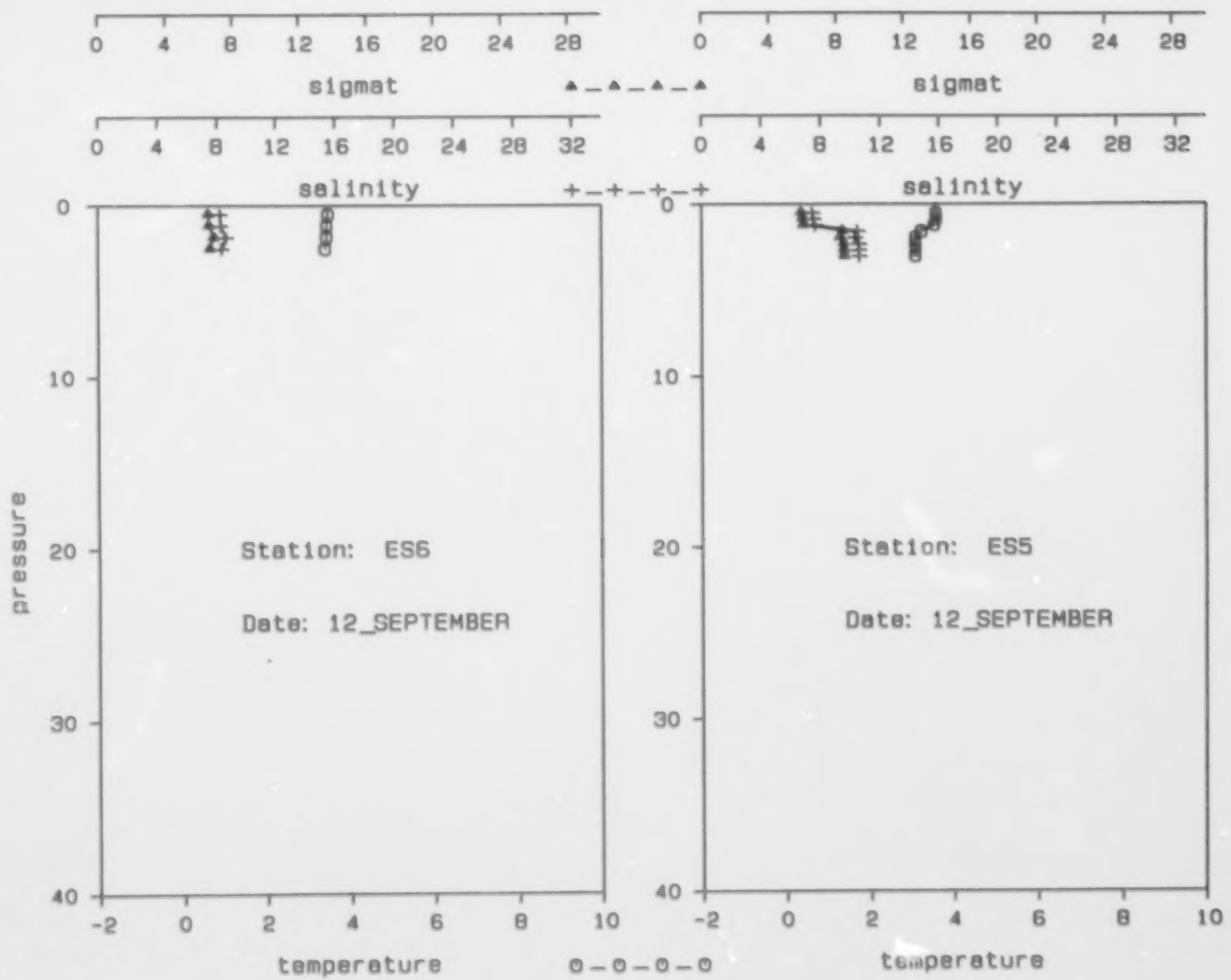

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: SHB6
Date: 10_SEPTEMBER
Station: ES7
Date: 12_SEPTEMBER
-2 0 2 4 6 8 10
temperature
-2 0 2 4 6 8 10
temperature

Station: SHB6 Date: 10_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	-0.33	29.26	1023.49
1.83	-0.91	29.66	1023.83
3.17	-0.97	29.69	1023.87
4.50	-0.98	29.70	1023.88

Station: ES7 Date: 12_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
1.12	3.43	8.26	1006.58
1.75	3.43	8.37	1006.68
2.38	3.33	11.34	1009.05
3.00	3.06	11.58	1009.24

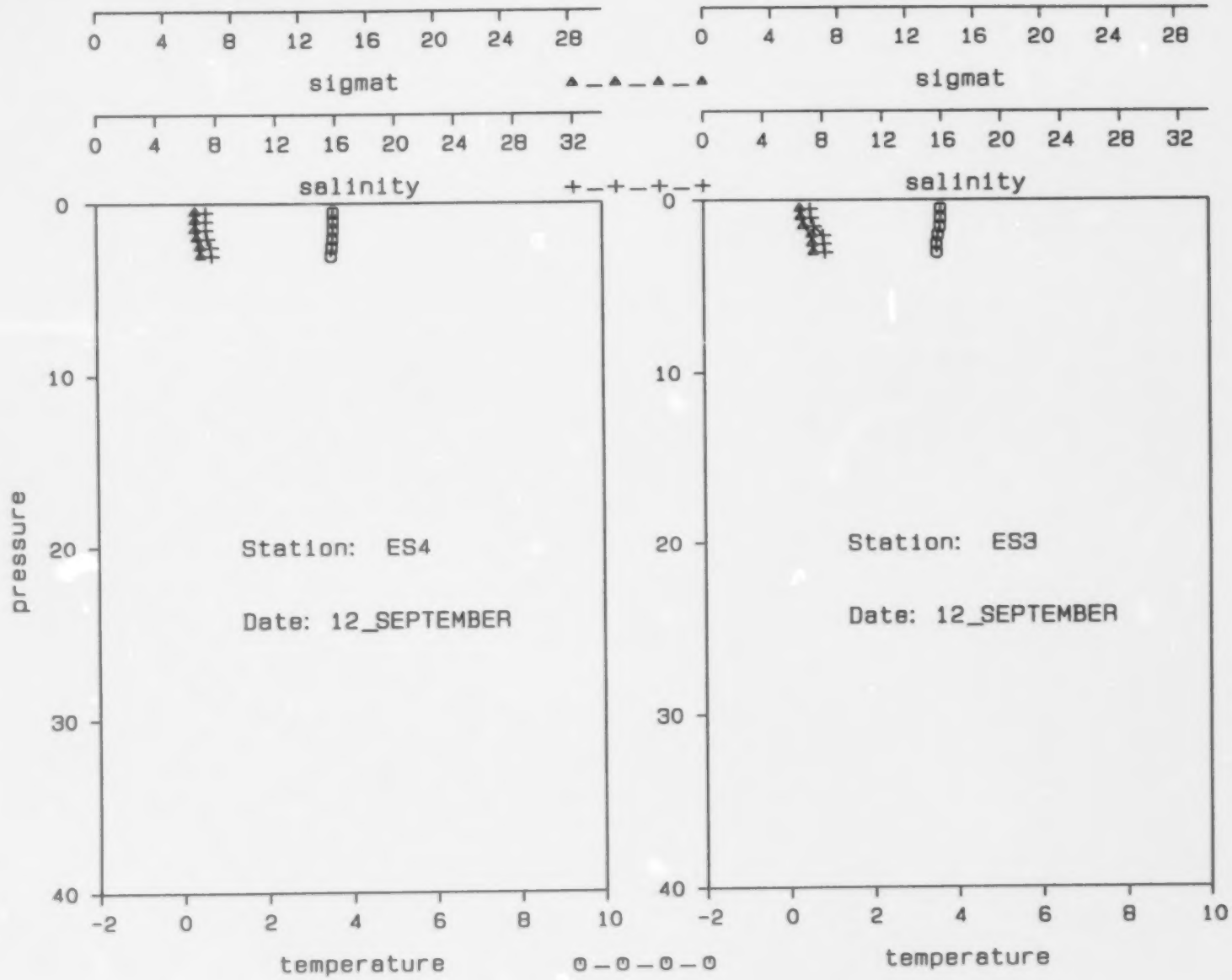

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: ES6
Date: 12_SEPTEMBER
Station: ES5
Date: 12_SEPTEMBER
-2 0 2 4 6 8 10
temperature
-2 0 2 4 6 8 10
temperature

Station: ES6 Date: 12_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	3.48	8.21	1006.54
1.17	3.45	8.27	1006.59
1.83	3.45	8.65	1006.89
2.50	3.42	8.32	1006.64

Station: ES5 Date: 12_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	3.58	7.44	1005.93
0.86	3.59	7.52	1005.99
1.21	3.54	7.63	1006.08
1.57	3.25	10.51	1008.38
1.93	3.10	10.34	1008.25
2.29	3.09	10.60	1008.46
2.64	3.10	10.61	1008.47
3.00	3.09	10.63	1008.49

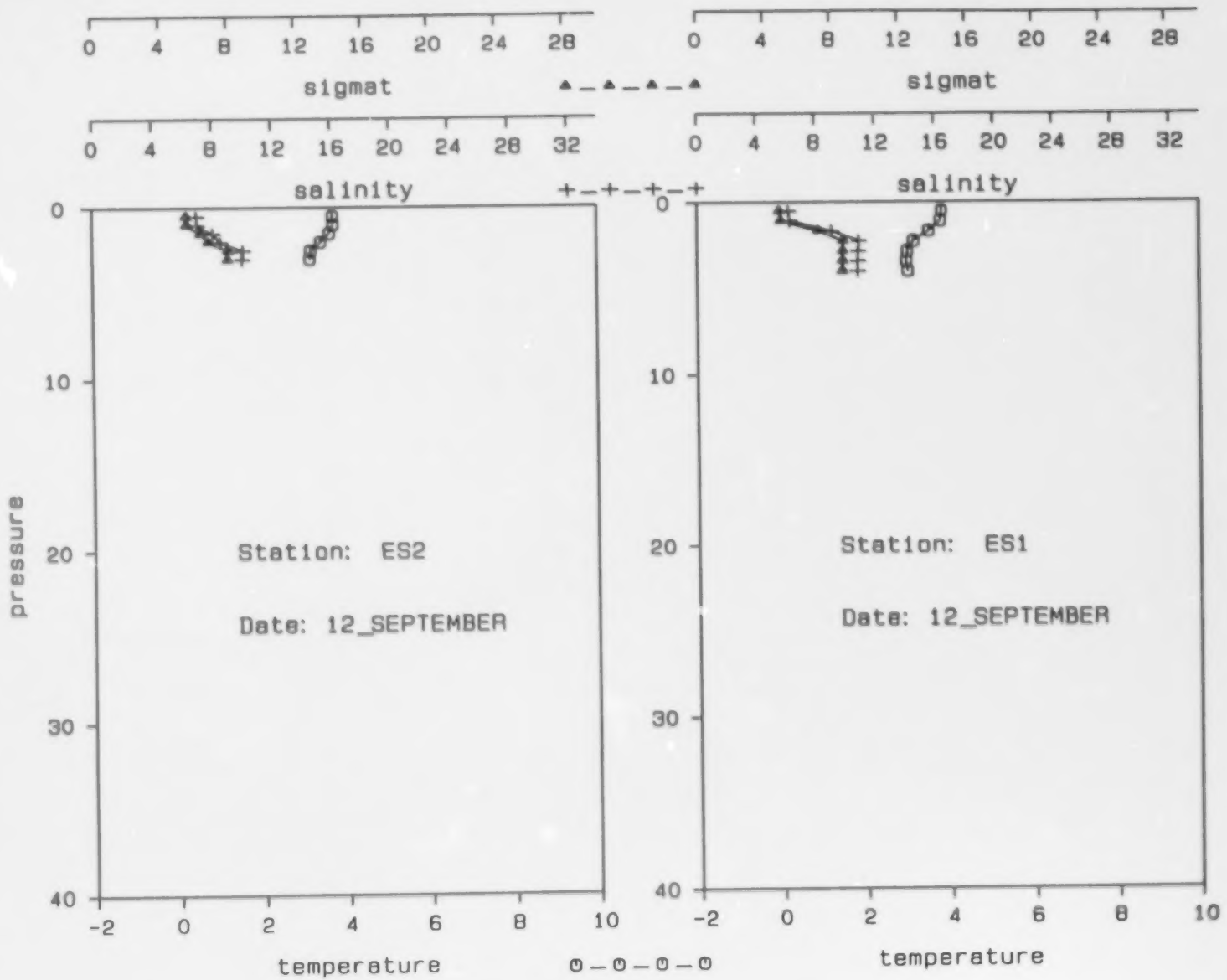

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: ES4
Date: 12_SEPTEMBER
Station: ES3
Date: 12_SEPTEMBER
-2 0 2 4 6 8 10
temperature
-2 0 2 4 6 8 10
temperature

Station: ES4 Date: 12_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	3.59	7.32	1005.83
1.00	3.59	7.32	1005.84
1.50	3.59	7.32	1005.84
2.00	3.58	7.44	1005.93
2.50	3.56	7.67	1006.12
3.00	3.54	7.71	1006.15

Station: ES3 Date: 12_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	3.63	7.16	1005.70
1.00	3.63	7.22	1005.75
1.50	3.62	7.43	1005.92
2.00	3.56	8.03	1006.40
2.50	3.54	8.08	1006.45
3.00	3.54	8.16	1006.52

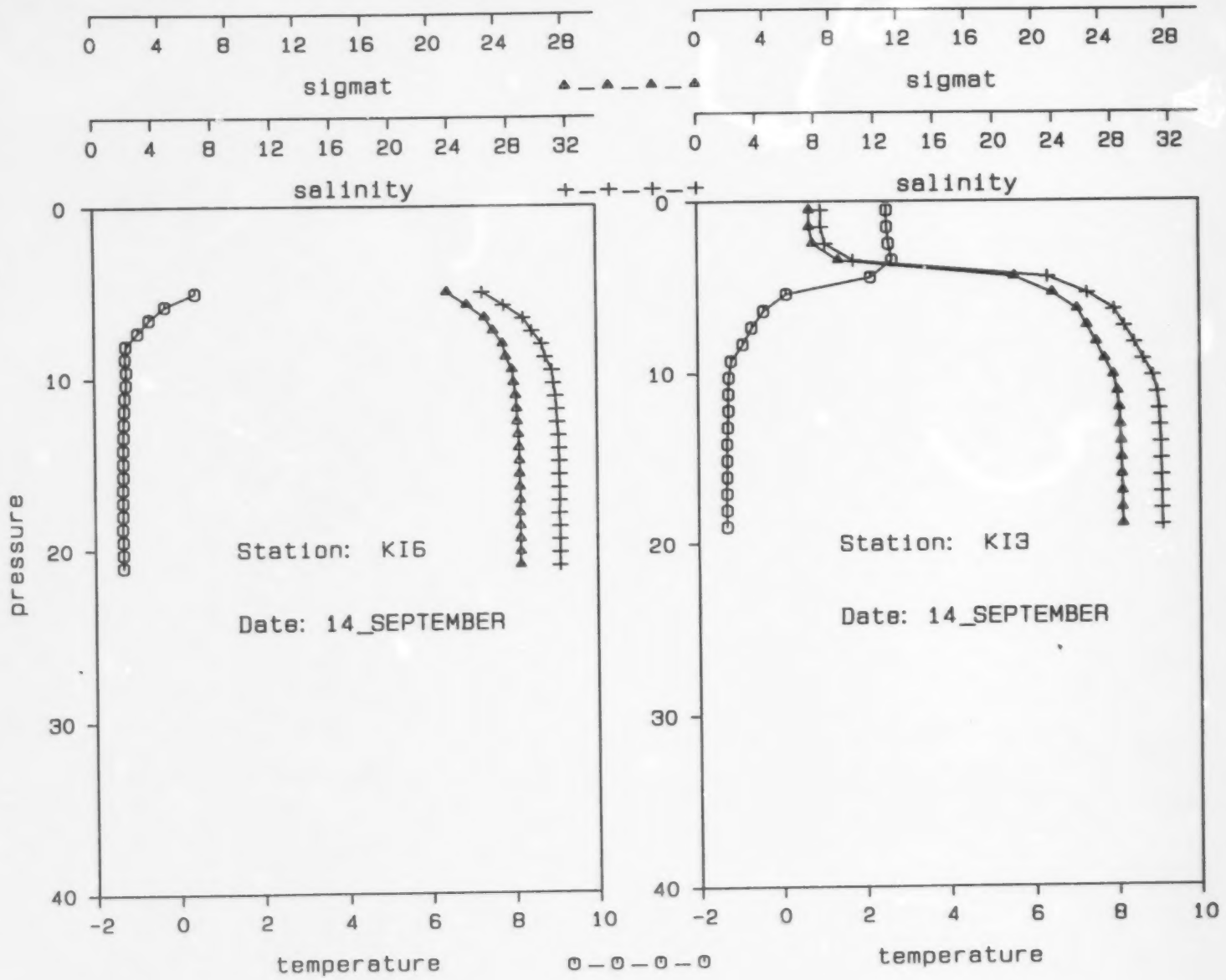

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: ES2
Date: 12_SEPTEMBER
Station: ES1
Date: 12_SEPTEMBER
-2 0 2 4 6 8 10
temperature
-2 0 2 4 6 8 10
temperature

Station: ES2 Date: 12_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	3.70	7.00	1005.57
1.00	3.71	7.03	1005.60
1.50	3.62	8.08	1006.44
2.00	3.41	8.62	1006.88
2.50	3.17	10.10	1008.06
3.00	3.16	10.04	1008.02

Station: ES1 Date: 12_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	3.83	6.22	1004.95
1.08	3.81	6.30	1005.02
1.67	3.54	9.15	1007.29
2.25	3.17	10.99	1008.77
2.83	3.03	10.96	1008.75
3.42	3.00	10.93	1008.73
4.00	3.04	10.92	1008.72

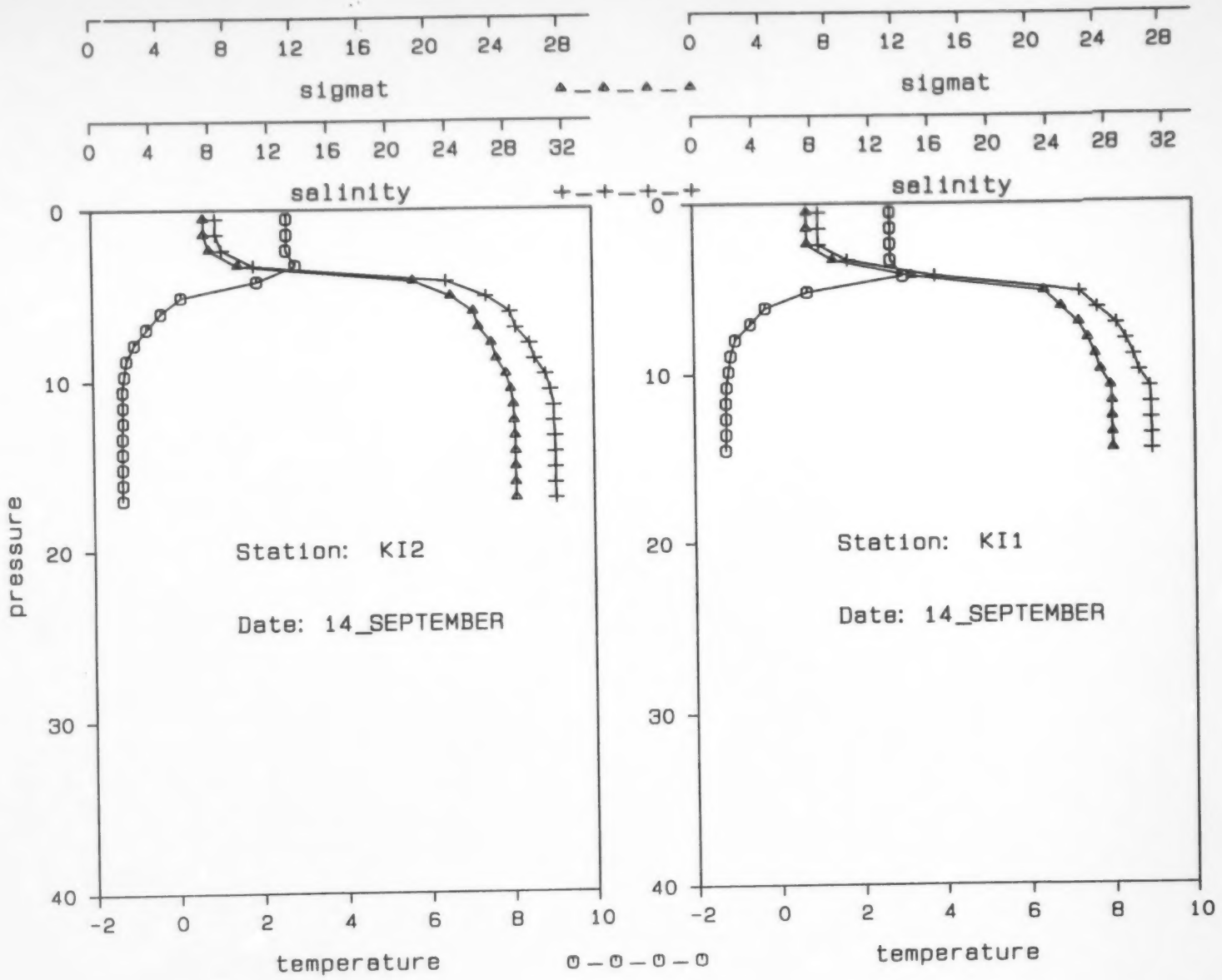

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: KI6
Date: 14_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
Station: KI3
Date: 14_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: KI6 Date: 14_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
5.00	0.43	26.27	1021.08
5.76	-0.30	27.71	1022.26
6.52	-0.68	29.01	1023.33
7.29	-0.95	29.61	1023.82
8.05	-1.24	30.28	1024.37
8.81	-1.26	30.51	1024.56
9.57	-1.23	30.97	1024.94
10.33	-1.24	31.06	1025.02
11.10	-1.27	31.21	1025.14
11.86	-1.28	31.26	1025.19
12.62	-1.30	31.30	1025.22
13.38	-1.31	31.37	1025.29
14.14	-1.32	31.40	1025.31
14.90	-1.32	31.42	1025.33
15.67	-1.32	31.42	1025.34
16.43	-1.33	31.45	1025.37
17.19	-1.33	31.45	1025.37
17.95	-1.33	31.43	1025.36
18.71	-1.34	31.46	1025.38
19.48	-1.33	31.45	1025.38
20.24	-1.33	31.45	1025.38
21.00	-1.33	31.45	1025.39

Station: KI3 Date: 14_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	2.54	8.44	1006.73
1.47	2.55	8.44	1006.74
2.45	2.60	8.71	1006.96
3.42	2.68	10.62	1008.49
4.39	2.16	23.65	1018.90
5.37	0.14	26.36	1021.16
6.34	-0.41	28.18	1022.65
7.32	-0.69	28.88	1023.23
8.29	-0.91	29.57	1023.80
9.26	-1.20	30.16	1024.28
10.24	-1.26	30.81	1024.81
11.21	-1.27	31.10	1025.05
12.18	-1.27	31.23	1025.16
13.16	-1.29	31.27	1025.20
14.13	-1.31	31.33	1025.25
15.11	-1.31	31.35	1025.28
16.08	-1.31	31.37	1025.30
17.05	-1.32	31.40	1025.33
18.03	-1.32	31.40	1025.33
19.00	-1.32	31.42	1025.35

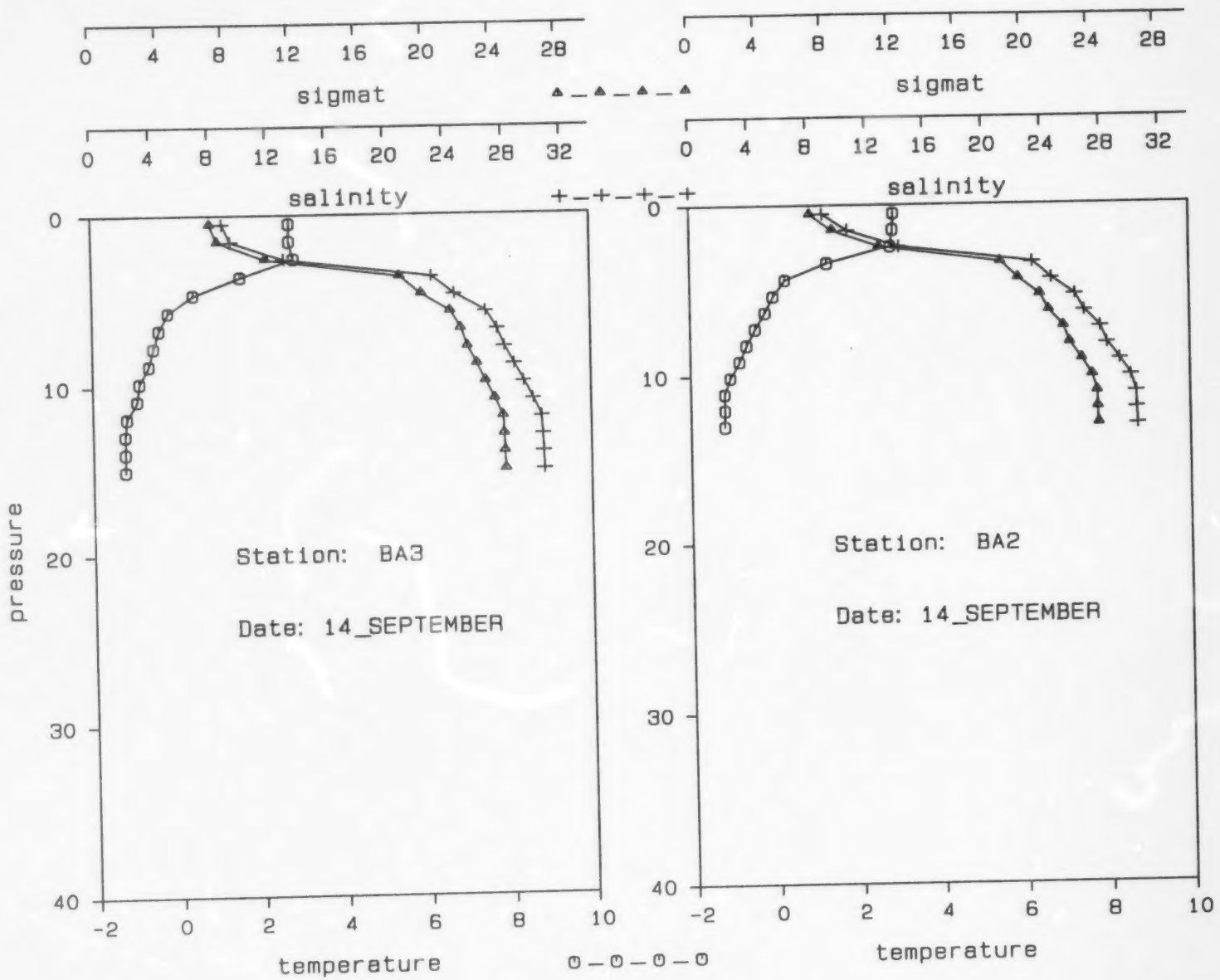

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: KI2
Date: 14_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: KI1
Date: 14_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: KI2 Date: 14_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	2.67	8.42	1006.72
1.42	2.67	8.42	1006.72
2.33	2.65	8.83	1007.05
3.25	2.88	10.96	1008.75
4.17	1.94	23.96	1019.16
5.08	0.14	26.68	1021.41
6.00	-0.35	28.33	1022.77
6.92	-0.69	28.70	1023.08
7.83	-1.00	29.64	1023.85
8.75	-1.19	29.98	1024.13
9.67	-1.25	30.71	1024.73
10.58	-1.30	31.04	1025.01
11.50	-1.29	31.25	1025.17
12.42	-1.29	31.27	1025.20
13.33	-1.31	31.33	1025.25
14.25	-1.31	31.35	1025.27
15.17	-1.31	31.35	1025.28
16.08	-1.31	31.35	1025.28
17.00	-1.31	31.37	1025.30

Station: KI1 Date: 14_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	2.72	8.49	1006.77
1.43	2.73	8.49	1006.78
2.37	2.73	8.50	1006.80
3.30	2.73	10.46	1008.36
4.23	3.03	16.43	1013.11
5.17	0.72	26.16	1020.98
6.10	-0.30	27.39	1022.00
7.03	-0.66	28.66	1023.05
7.97	-1.02	29.30	1023.58
8.90	-1.13	29.83	1024.01
9.83	-1.18	30.20	1024.32
10.77	-1.24	30.93	1024.92
11.70	-1.26	31.02	1024.99
12.63	-1.26	31.02	1024.99
13.57	-1.26	31.04	1025.01
14.50	-1.26	31.05	1025.03

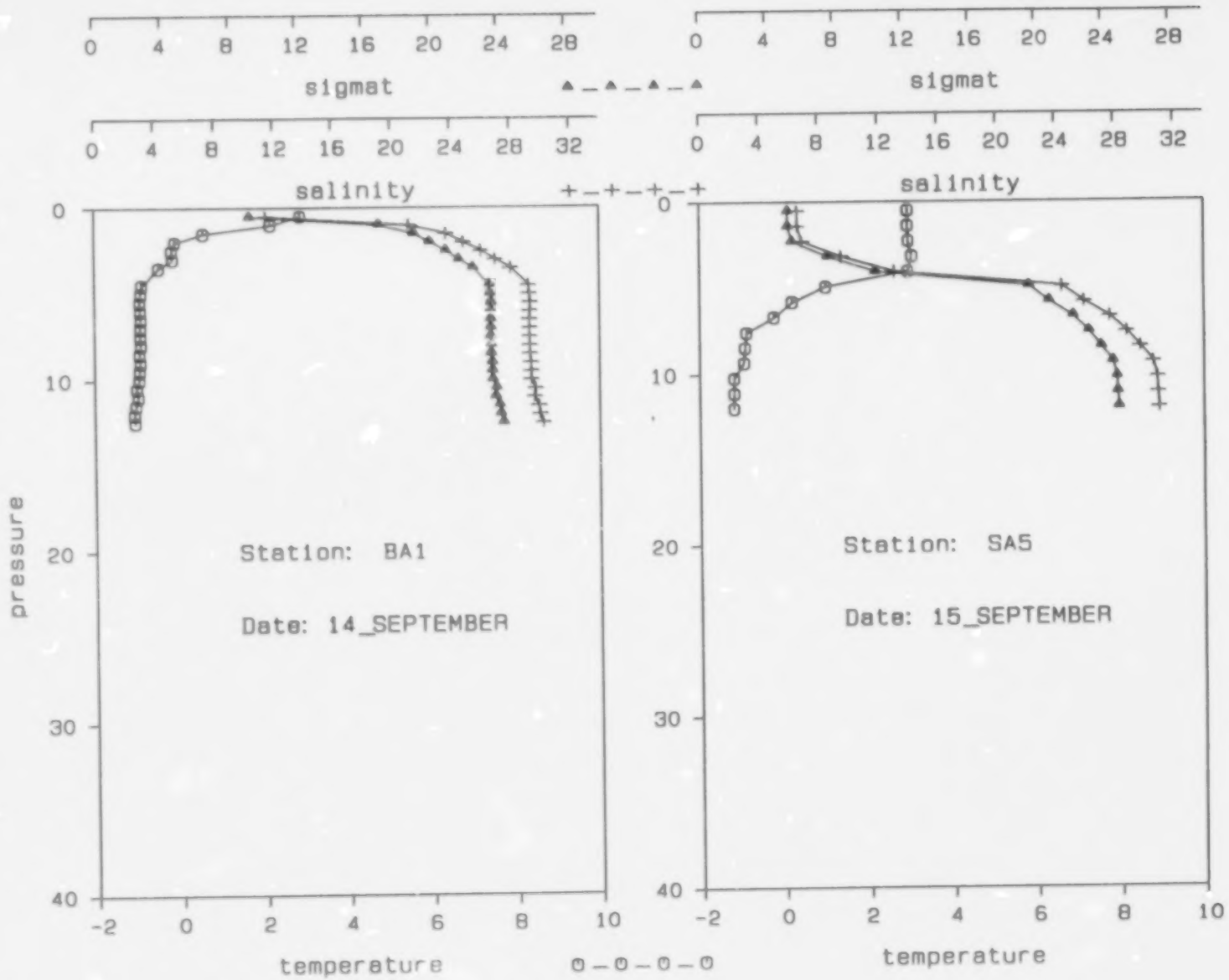

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: BA3
Date: 14_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: BA2
Date: 14_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: BA3 Date: 14_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	2.78	8.94	1007.14
1.54	2.77	9.50	1007.59
2.57	2.88	13.15	1010.50
3.61	1.58	23.14	1018.52
4.64	0.43	24.68	1019.80
5.68	-0.19	26.80	1021.52
6.71	-0.41	27.57	1022.16
7.75	-0.55	28.05	1022.55
8.79	-0.66	28.70	1023.09
9.82	-0.89	29.33	1023.60
10.86	-0.95	29.99	1024.14
11.89	-1.20	30.56	1024.62
12.93	-1.25	30.62	1024.68
13.96	-1.25	30.67	1024.72
15.00	-1.25	30.71	1024.75

Station: BA2 Date: 14_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	2.91	9.06	1007.23
1.46	2.89	10.75	1008.58
2.42	2.83	14.29	1011.40
3.38	1.29	23.39	1018.73
4.35	0.28	24.64	1019.77
5.31	-0.01	26.24	1021.07
6.27	-0.21	26.86	1021.57
7.23	-0.44	27.93	1022.45
8.19	-0.65	28.37	1022.81
9.15	-0.82	29.23	1023.52
10.12	-1.05	29.98	1024.14
11.08	-1.18	30.33	1024.43
12.04	-1.18	30.35	1024.45
13.00	-1.19	30.40	1024.49

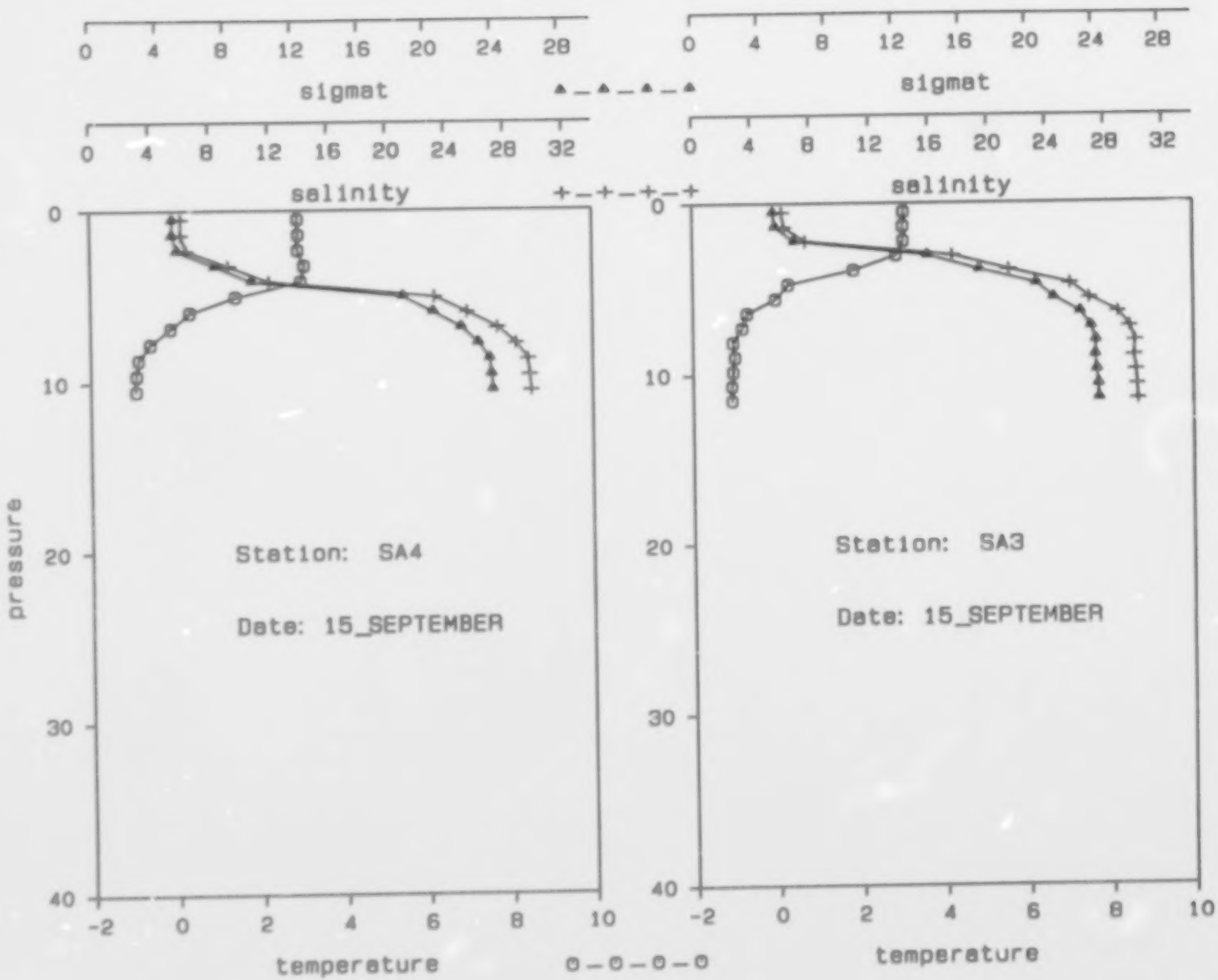

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: BA1
Date: 14_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: SA5
Date: 15_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: BA1 Date: 14_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	2.88	11.50	1009.17
1.00	2.16	21.20	1016.93
1.50	0.57	23.71	1019.00
2.00	-0.10	24.87	1019.95
2.50	-0.17	26.06	1020.91
3.00	-0.15	27.01	1021.68
3.50	-0.48	28.04	1022.52
4.50	-0.88	29.24	1023.50
5.00	-0.91	29.26	1023.53
5.50	-0.93	29.34	1023.59
6.00	-0.92	29.31	1023.57
6.50	-0.91	29.28	1023.55
7.00	-0.92	29.29	1023.56
7.50	-0.92	29.29	1023.56
8.00	-0.91	29.32	1023.59
8.50	-0.94	29.31	1023.58
9.00	-0.92	29.37	1023.64
9.50	-0.94	29.39	1023.65
10.00	-0.95	29.40	1023.66
10.50	-1.01	29.69	1023.90
11.00	-0.98	29.61	1023.84
11.50	-1.03	29.90	1024.08
12.00	-1.07	29.98	1024.14
12.50	-1.06	30.18	1024.31

Station: SA5 Date: 15_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	2.95	6.62	1005.28
1.38	2.95	6.62	1005.28
2.27	2.97	6.93	1005.53
3.15	3.05	9.55	1007.63
4.04	2.96	13.12	1010.48
4.92	1.00	24.46	1019.60
5.81	0.21	25.95	1020.83
6.69	-0.22	27.71	1022.26
7.58	-0.88	28.83	1023.19
8.46	-0.91	29.74	1023.93
9.35	-0.94	30.61	1024.64
10.23	-1.17	30.89	1024.88
11.12	-1.17	30.93	1024.92
12.00	-1.18	31.01	1024.98

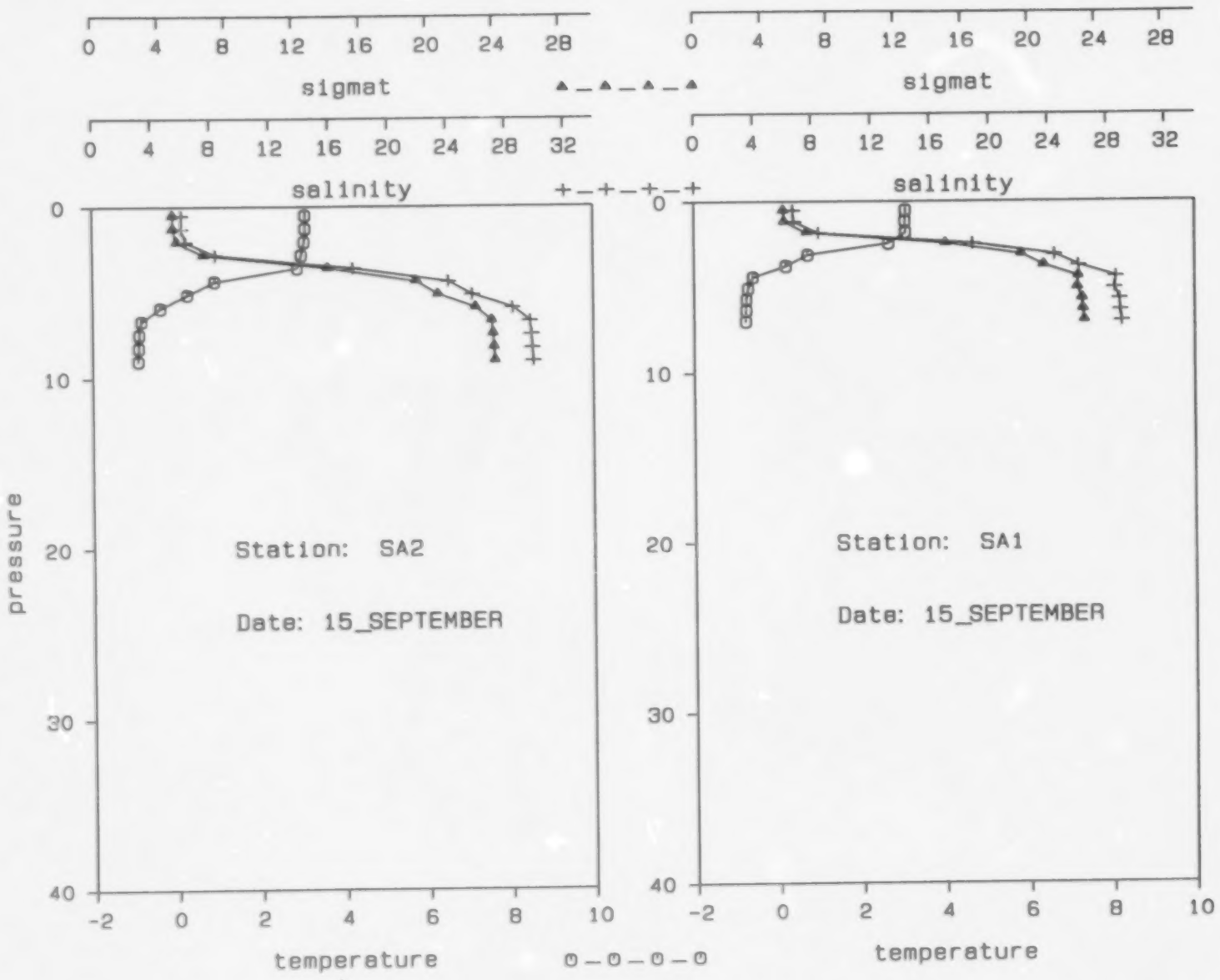

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: SA4
Date: 15_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: SA3
Date: 15_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: SA4 Date: 15_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	2.93	6.14	1004.89
1.41	2.94	6.12	1004.88
2.32	2.93	5.40	1005.18
3.23	3.08	9.28	1007.41
4.14	3.00	12.00	1009.59
5.05	1.44	23.28	1018.64
5.95	0.35	25.49	1020.46
6.86	-0.10	27.53	1022.12
7.77	-0.59	28.80	1023.16
8.68	-0.87	29.61	1023.83
9.59	-0.92	29.73	1023.93
10.50	-0.93	29.82	1024.01

Station: SA3 Date: 15_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	3.07	6.11	1004.87
1.35	3.05	6.26	1005.00
2.19	3.06	7.69	1006.14
3.04	2.88	17.64	1014.07
3.88	1.87	21.47	1017.17
4.73	0.30	25.66	1020.59
5.58	-0.01	26.97	1021.65
6.42	-0.69	28.90	1023.23
7.27	-0.80	29.68	1023.87
8.12	-1.03	30.05	1024.18
8.96	-0.98	29.98	1024.13
9.81	-1.03	30.09	1024.22
10.65	-1.06	30.18	1024.30
11.50	-1.06	30.22	1024.34

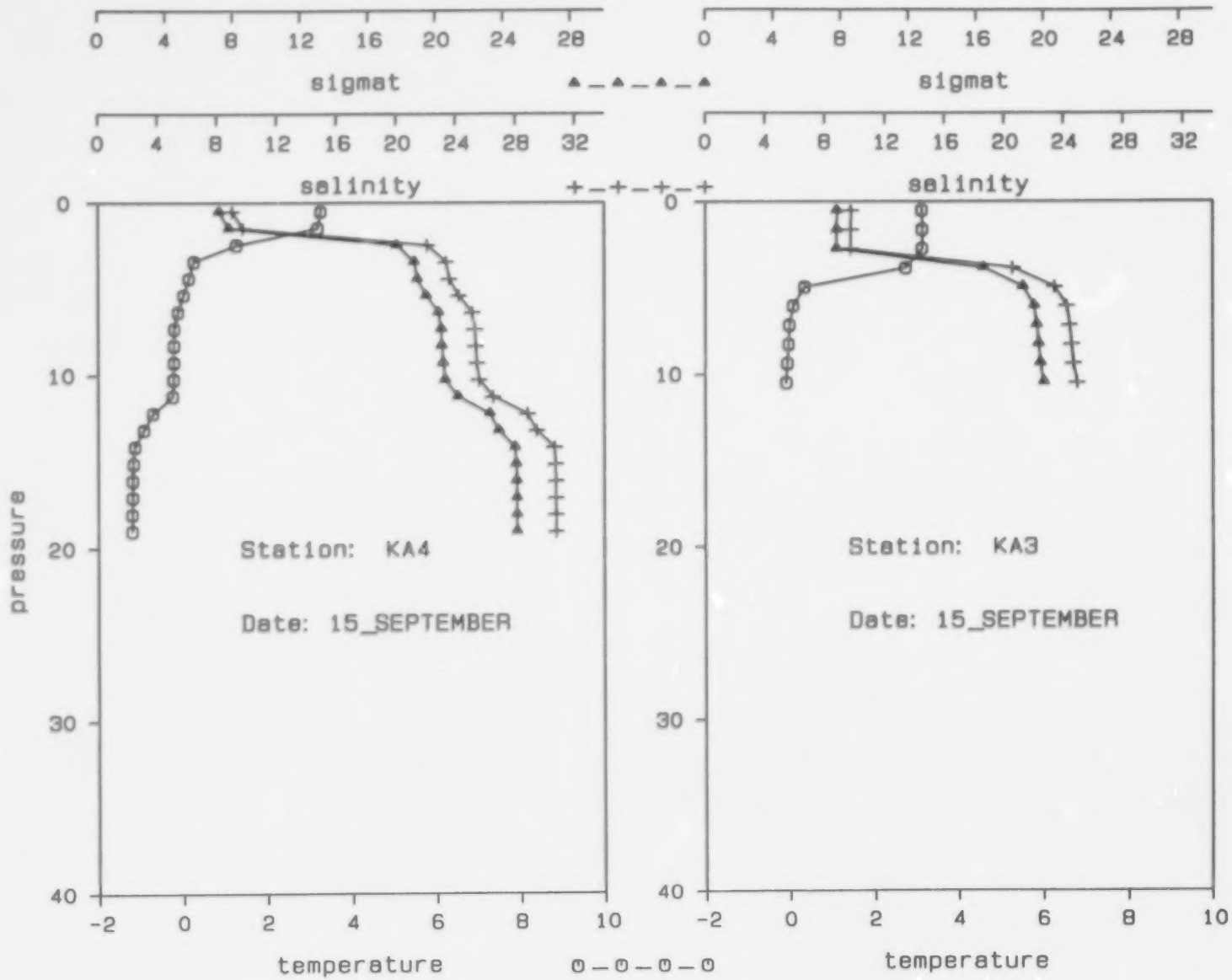

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: SA2
Date: 15_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: SA1
Date: 15_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: SA2 Date: 15_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	3.09	6.09	1004.86
1.27	3.09	6.09	1004.86
2.05	3.07	6.38	1005.10
2.82	3.00	8.37	1006.68
3.59	2.90	17.63	1014.07
4.36	0.93	24.13	1019.34
5.14	0.28	25.75	1020.67
5.91	-0.37	28.52	1022.91
6.68	-0.83	29.70	1023.89
7.45	-0.88	29.80	1023.97
8.23	-0.89	29.87	1024.03
9.00	-0.91	29.93	1024.09

Station: SA1 Date: 15_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	3.07	6.72	1005.36
1.15	3.07	6.79	1005.42
1.80	3.07	8.48	1006.77
2.45	2.67	18.91	1015.09
3.10	0.73	24.44	1019.59
3.75	0.21	26.10	1020.94
4.40	-0.59	28.64	1023.01
5.05	-0.70	28.54	1022.94
5.70	-0.75	28.90	1023.23
6.35	-0.76	28.95	1023.27
7.00	-0.77	29.04	1023.35

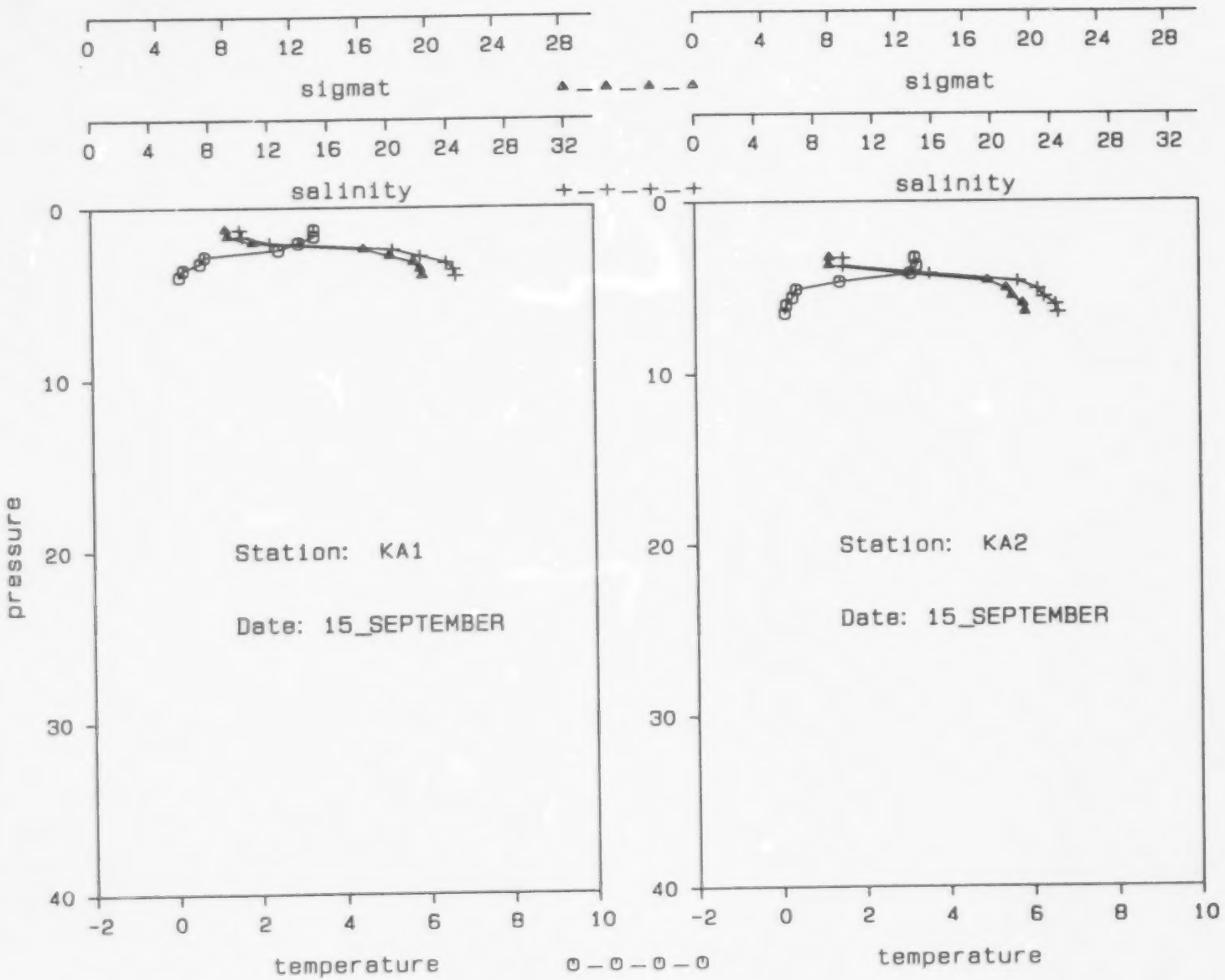

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: KA4
Date: 15_SEPTEMBER
-2 0 2 4 6 8 10
temperature
Station: KA3
Date: 15_SEPTEMBER

Station: KA4 Date: 15_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	3.28	9.05	1007.22
1.47	3.21	9.77	1007.79
2.45	1.29	22.09	1017.68
3.42	0.28	23.36	1018.73
4.39	0.16	23.57	1018.91
5.37	0.03	24.21	1019.43
6.34	-0.10	25.11	1020.16
7.32	-0.19	25.28	1020.31
8.29	-0.20	25.33	1020.35
9.26	-0.20	25.43	1020.44
10.24	-0.21	25.56	1020.55
11.21	-0.22	26.51	1021.31
12.18	-0.69	28.82	1023.20
13.16	-0.92	29.45	1023.72
14.13	-1.14	30.64	1024.69
15.11	-1.17	30.72	1024.76
16.08	-1.19	30.76	1024.80
17.05	-1.19	30.76	1024.80
18.03	-1.20	30.77	1024.81
19.00	-1.20	30.77	1024.82

Station: KA3 Date: 15_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	3.12	9.77	1007.79
1.61	3.13	9.75	1007.78
2.72	3.13	9.75	1007.78
3.83	2.74	20.60	1016.44
4.94	0.35	23.42	1018.79
6.06	0.08	24.24	1019.46
7.17	-0.01	24.44	1019.62
8.28	-0.03	24.57	1019.74
9.39	-0.05	24.69	1019.84
10.50	-0.08	24.93	1020.04

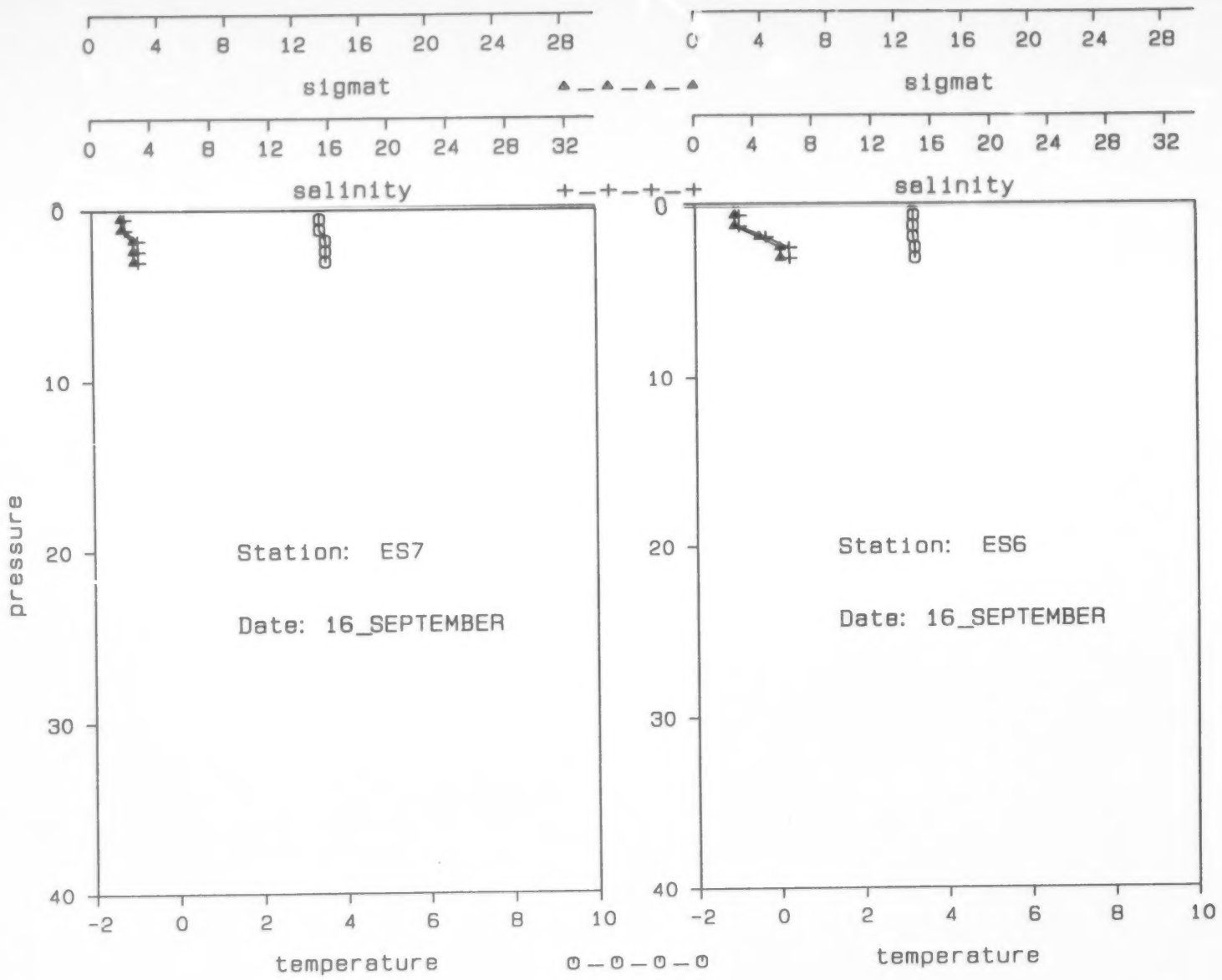

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: KA1
Date: 15_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: KA2
Date: 15_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: KA1 Date: 15_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
1.28	3.32	10.11	1008.06
1.67	3.32	10.27	1008.19
2.06	2.96	12.16	1009.70
2.44	2.49	20.32	1016.23
2.83	0.72	22.18	1017.77
3.22	0.61	23.91	1019.17
3.61	0.20	24.39	1019.56
4.00	0.10	24.55	1019.70

Station: KA2 Date: 15_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
3.27	3.24	10.00	1007.98
3.73	3.28	9.97	1007.96
4.19	3.14	15.82	1012.62
4.65	1.44	21.76	1017.43
5.12	0.39	23.10	1018.53
5.58	0.30	23.52	1018.87
6.04	0.15	24.29	1019.49
6.50	0.12	24.45	1019.63

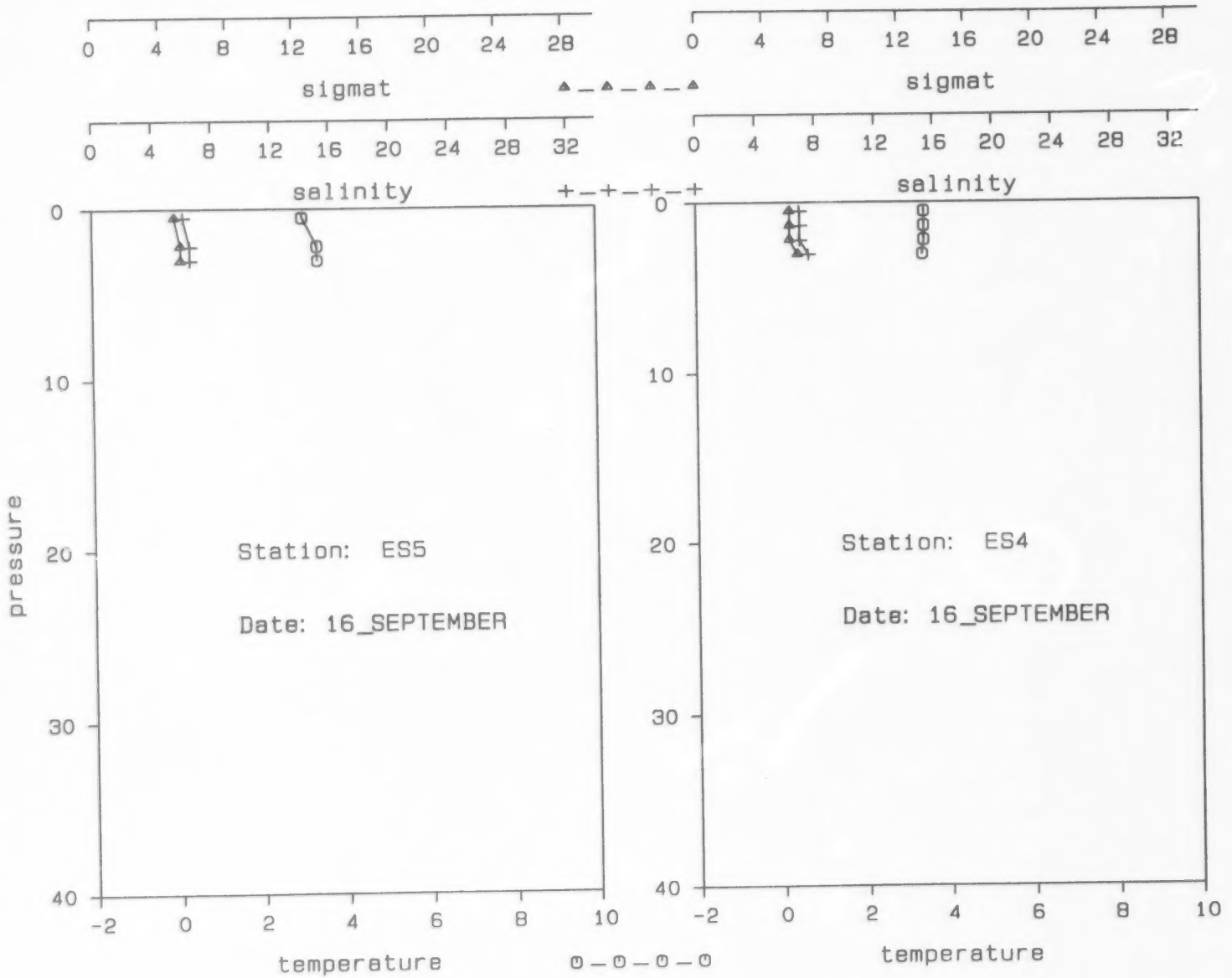

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: ES7
Date: 16_SEPTEMBER
-2 0 2 4 6 8 10
temperature
Station: ES6
Date: 16_SEPTEMBER

Station: ES7 Date: 16_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	3.40	2.18	1001.73
1.12	3.40	2.23	1001.77
1.75	3.54	3.08	1002.46
2.38	3.54	3.10	1002.47
3.00	3.54	3.12	1002.49

Station: ES6 Date: 16_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	3.22	2.99	1002.38
1.12	3.21	2.99	1002.38
1.75	3.21	4.83	1003.85
2.38	3.26	6.41	1005.12
3.00	3.26	6.43	1005.14

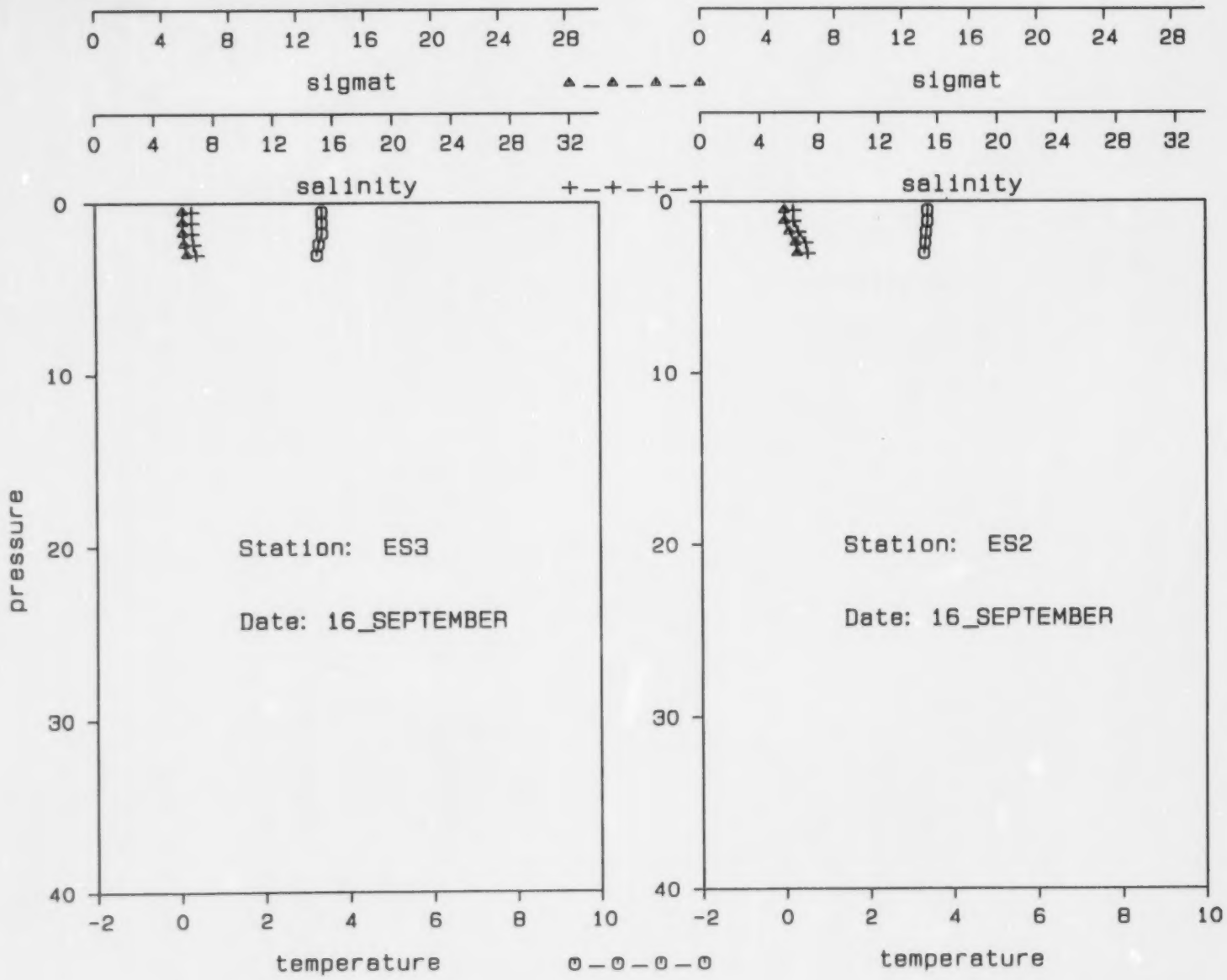

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: ES5
Date: 16_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: ES4
Date: 16_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: ES5 Date: 16_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	3.00	6.11	1004.87
2.17	3.35	6.55	1005.23
3.00	3.36	6.55	1005.23

Station: ES4 Date: 16_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	3.43	6.97	1005.56
1.33	3.43	6.99	1005.57
2.17	3.43	6.97	1005.57
3.00	3.39	7.56	1006.04

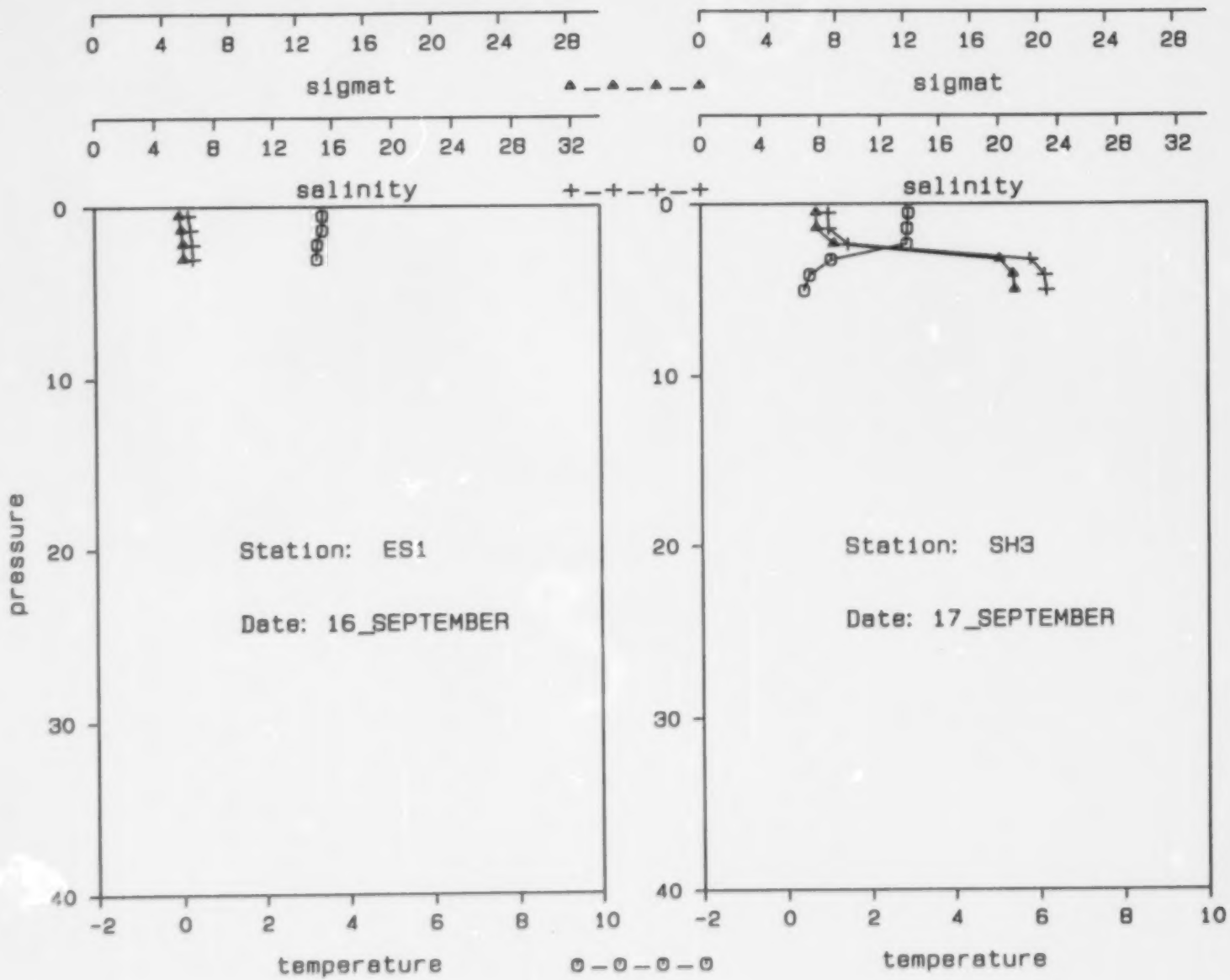

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: ES3
Date: 16_SEPTEMBER
-2 0 2 4 6 8 10
temperature
Station: ES2
Date: 16_SEPTEMBER

Station: ES3 Date: 16_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	3.39	6.53	1005.20
1.12	3.39	6.53	1005.21
1.75	3.40	6.54	1005.22
2.38	3.32	6.66	1005.32
3.00	3.27	6.84	1005.47

Station: ES2 Date: 16_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	3.41	6.25	1004.98
1.12	3.41	6.25	1004.99
1.75	3.37	6.58	1005.25
2.38	3.35	7.07	1005.64
3.00	3.33	7.21	1005.76

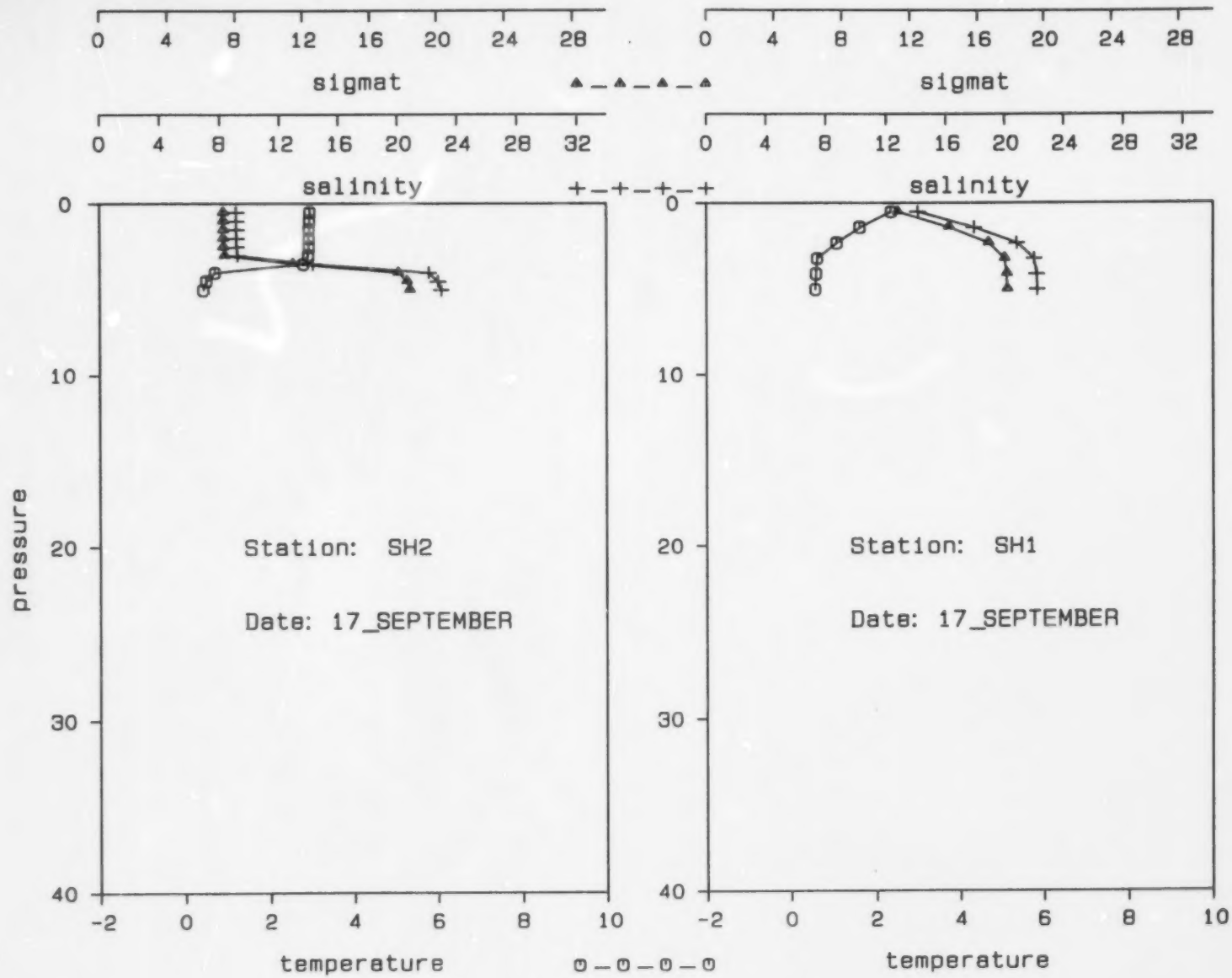

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: ES1
Date: 16_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: SH3
Date: 17_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: ES1 Date: 16_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	3.42	6.22	1004.96
1.33	3.41	6.37	1005.08
2.17	3.29	6.50	1005.19
3.00	3.28	6.52	1005.21

Station: SH3 Date: 17_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	2.92	8.55	1006.82
1.40	2.89	8.58	1006.85
2.30	2.68	9.87	1007.88
3.20	1.08	22.13	1017.73
4.10	0.57	23.10	1018.52
5.00	0.44	23.22	1018.62

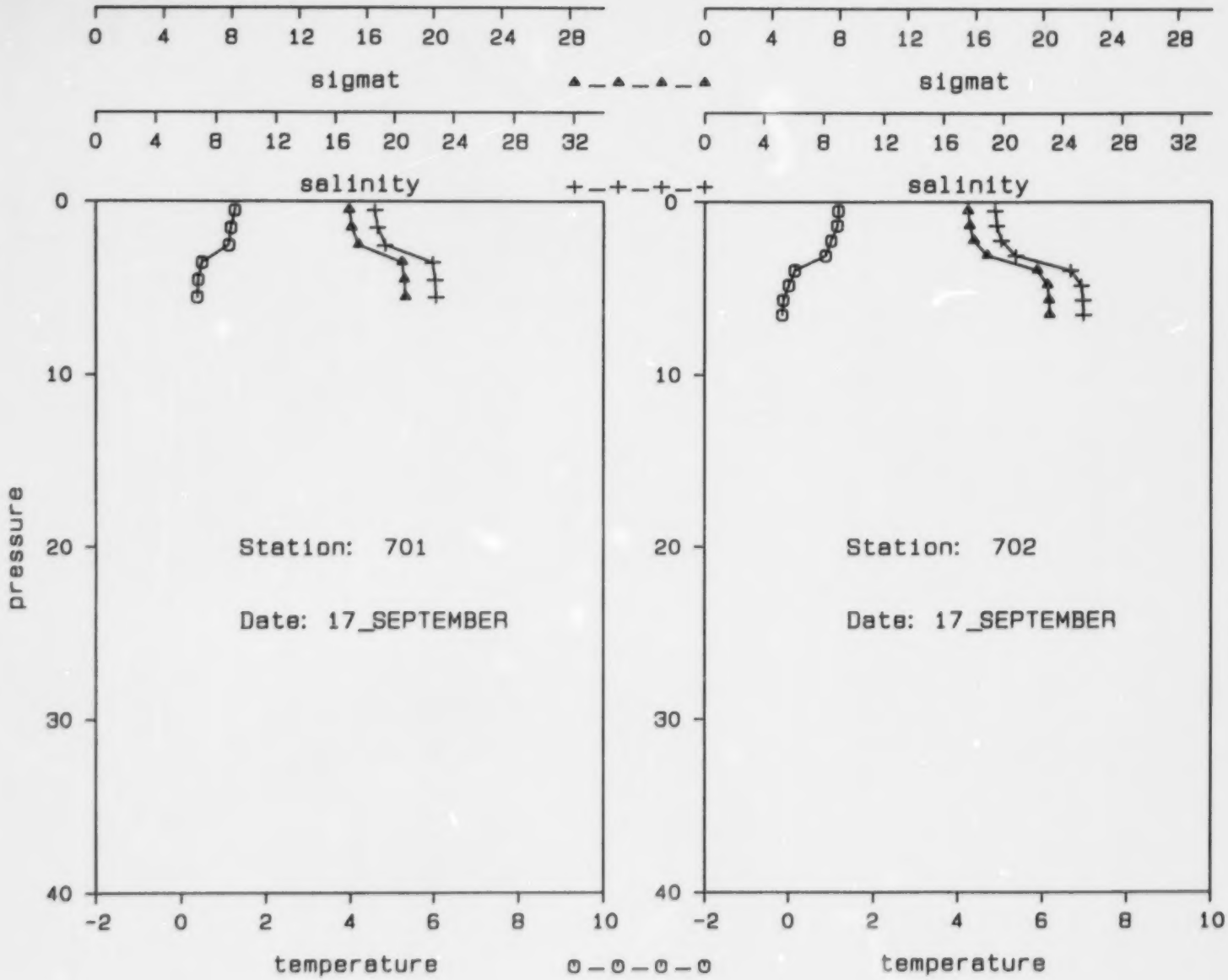

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: SH2
Date: 17_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: SH1
Date: 17_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: SH2 Date: 17_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	2.97	9.13	1007.28
1.00	2.96	9.13	1007.28
1.50	2.95	9.13	1007.29
2.00	2.94	9.13	1007.29
2.50	2.94	9.13	1007.29
3.00	2.93	9.22	1007.37
3.50	2.81	14.29	1011.41
4.00	0.72	22.10	1017.71
4.50	0.52	22.73	1018.23
5.00	0.44	22.94	1018.40

Station: SH1 Date: 17_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	2.36	14.14	1011.29
1.40	1.62	17.91	1014.32
2.30	1.08	20.84	1016.68
3.20	0.62	22.03	1017.66
4.10	0.60	22.21	1017.80
5.00	0.58	22.24	1017.83

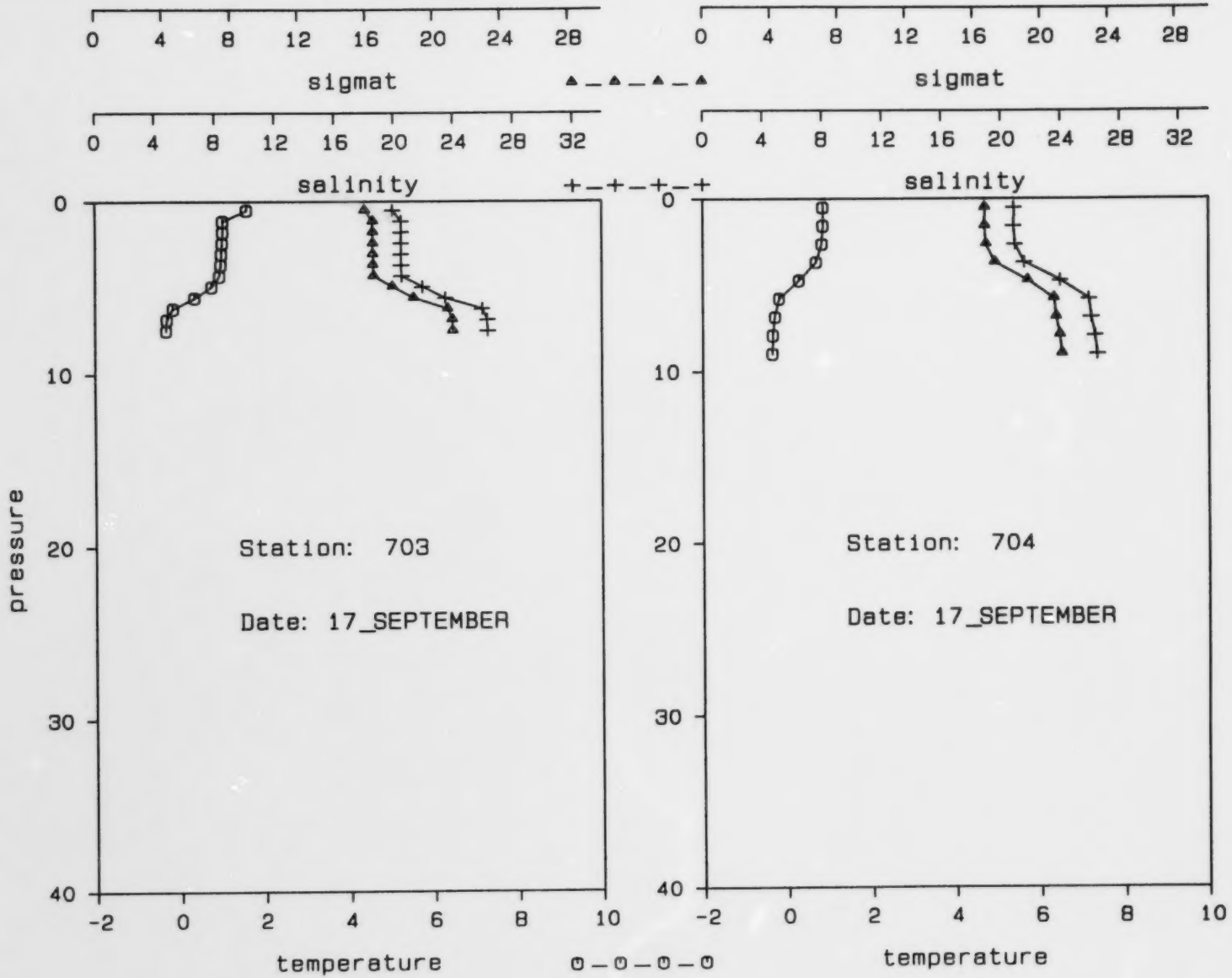

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: 701
Date: 17_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: 702
Date: 17_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: 701 Date: 17_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	1.28	18.67	1014.93
1.50	1.18	18.85	1015.08
2.50	1.13	19.36	1015.50
3.50	0.50	22.59	1018.11
4.50	0.41	22.75	1018.25
5.50	0.39	22.83	1018.31

Station: 702 Date: 17_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	1.18	19.47	1015.57
1.36	1.15	19.58	1015.67
2.21	1.00	19.88	1015.91
3.07	0.88	20.85	1016.70
3.93	0.15	24.55	1019.69
4.79	0.01	25.28	1020.29
5.64	-0.13	25.39	1020.39
6.50	-0.14	25.43	1020.42

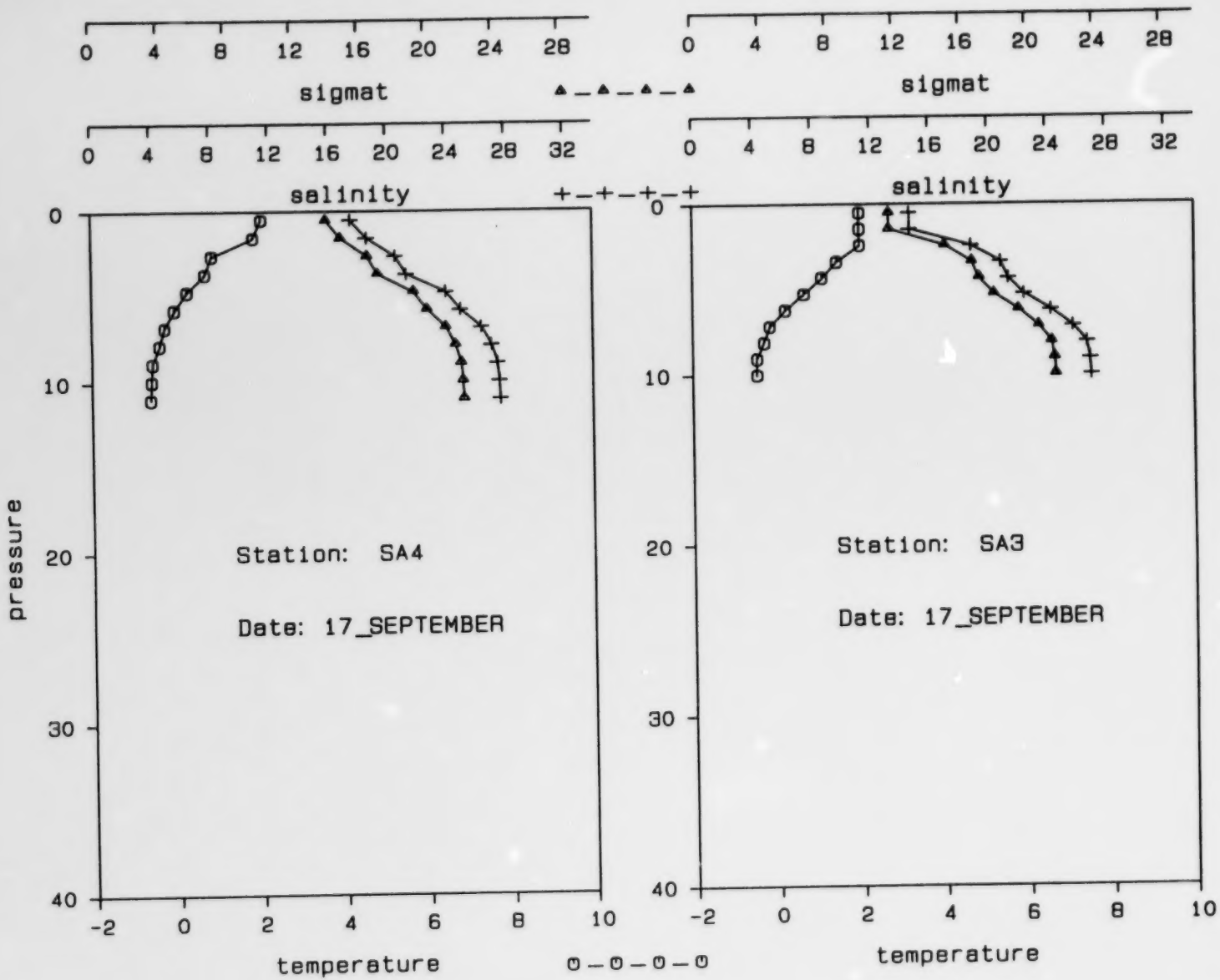

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: 703
Date: 17_SEPTEMBER
-2 0 2 4 6 8 10
temperature
Station: 704
Date: 17_SEPTEMBER

Station: 703 Date: 17_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	1.58	19.94	1015.94
1.14	1.02	20.51	1016.42
1.77	1.02	20.51	1016.42
2.41	1.00	20.50	1016.42
3.05	0.99	20.52	1016.43
3.68	0.98	20.52	1016.44
4.32	0.94	20.54	1016.46
4.95	0.75	21.94	1017.59
5.59	0.35	23.48	1018.84
6.23	-0.15	25.96	1020.85
6.86	-0.30	26.31	1021.13
7.50	-0.32	26.32	1021.15

Station: 704 Date: 17_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	0.85	20.89	1016.72
1.56	0.85	20.87	1016.71
2.62	0.82	20.97	1016.79
3.69	0.69	21.60	1017.31
4.75	0.28	24.01	1019.26
5.81	-0.19	25.93	1020.82
6.88	-0.29	26.08	1020.95
7.94	-0.34	26.33	1021.16
9.00	-0.35	26.47	1021.28

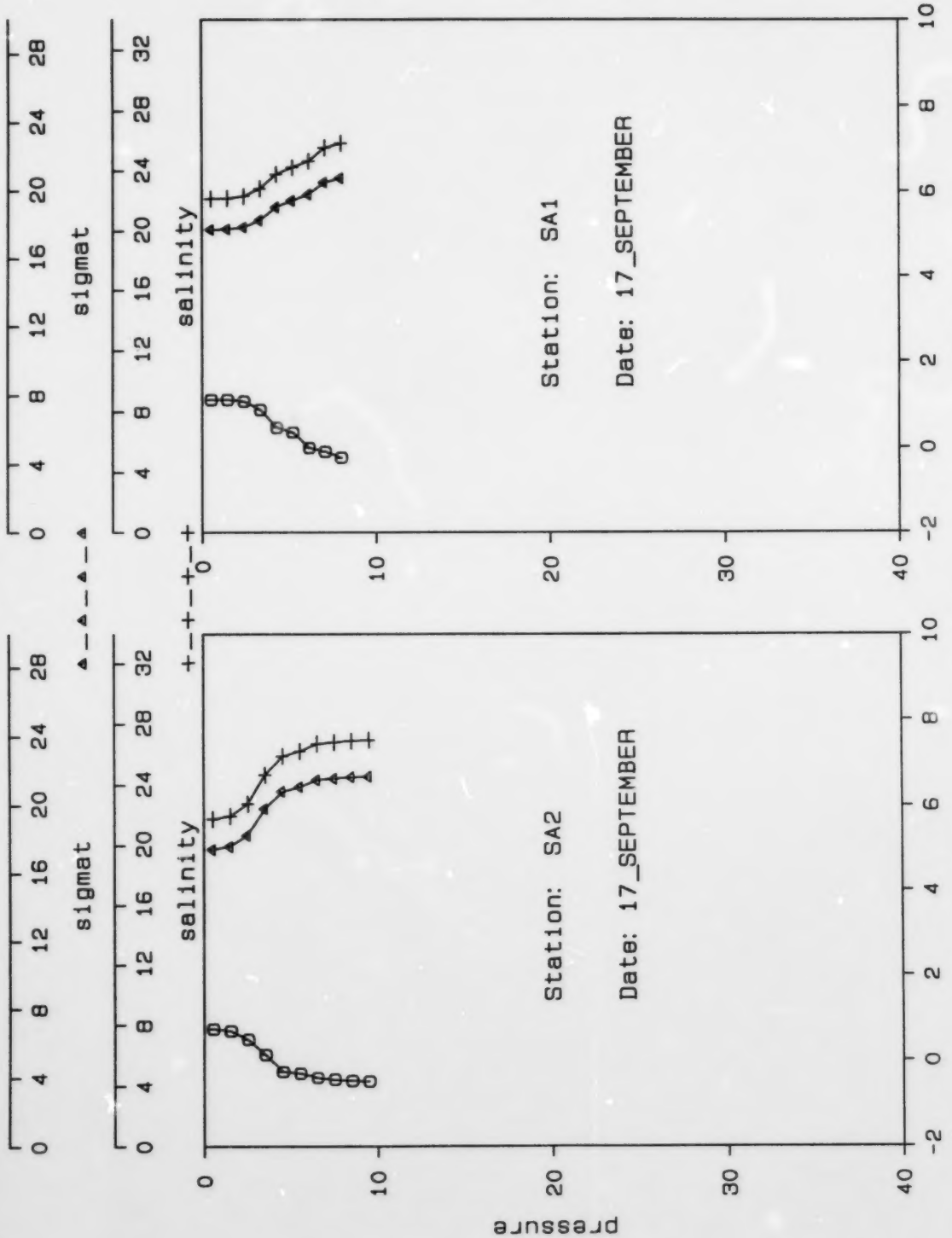

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: SA4
Date: 17_SEPTEMBER
Station: SA3
Date: 17_SEPTEMBER
-2 0 2 4 6 8 10
temperature
-2 0 2 4 6 8 10
temperature

Station: SA4 Date: 17_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	2.07	17.57	1014.03
1.55	1.87	18.65	1014.91
2.60	0.88	20.59	1016.49
3.65	0.72	21.35	1017.11
4.70	0.28	24.01	1019.26
5.75	-0.03	24.99	1020.06
6.80	-0.26	26.38	1021.19
7.85	-0.39	27.06	1021.75
8.90	-0.56	27.46	1022.08
9.95	-0.59	27.58	1022.19
11.00	-0.60	27.64	1022.24

Station: SA3 Date: 17_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	1.98	14.69	1011.74
1.45	1.98	14.69	1011.74
2.40	1.99	18.88	1015.09
3.35	1.44	20.88	1016.71
4.30	1.08	21.41	1017.15
5.25	0.65	22.48	1018.02
6.20	0.21	24.30	1019.51
7.15	-0.15	25.80	1020.72
8.10	-0.30	26.73	1021.48
9.05	-0.47	26.97	1021.68
10.00	-0.47	27.03	1021.73

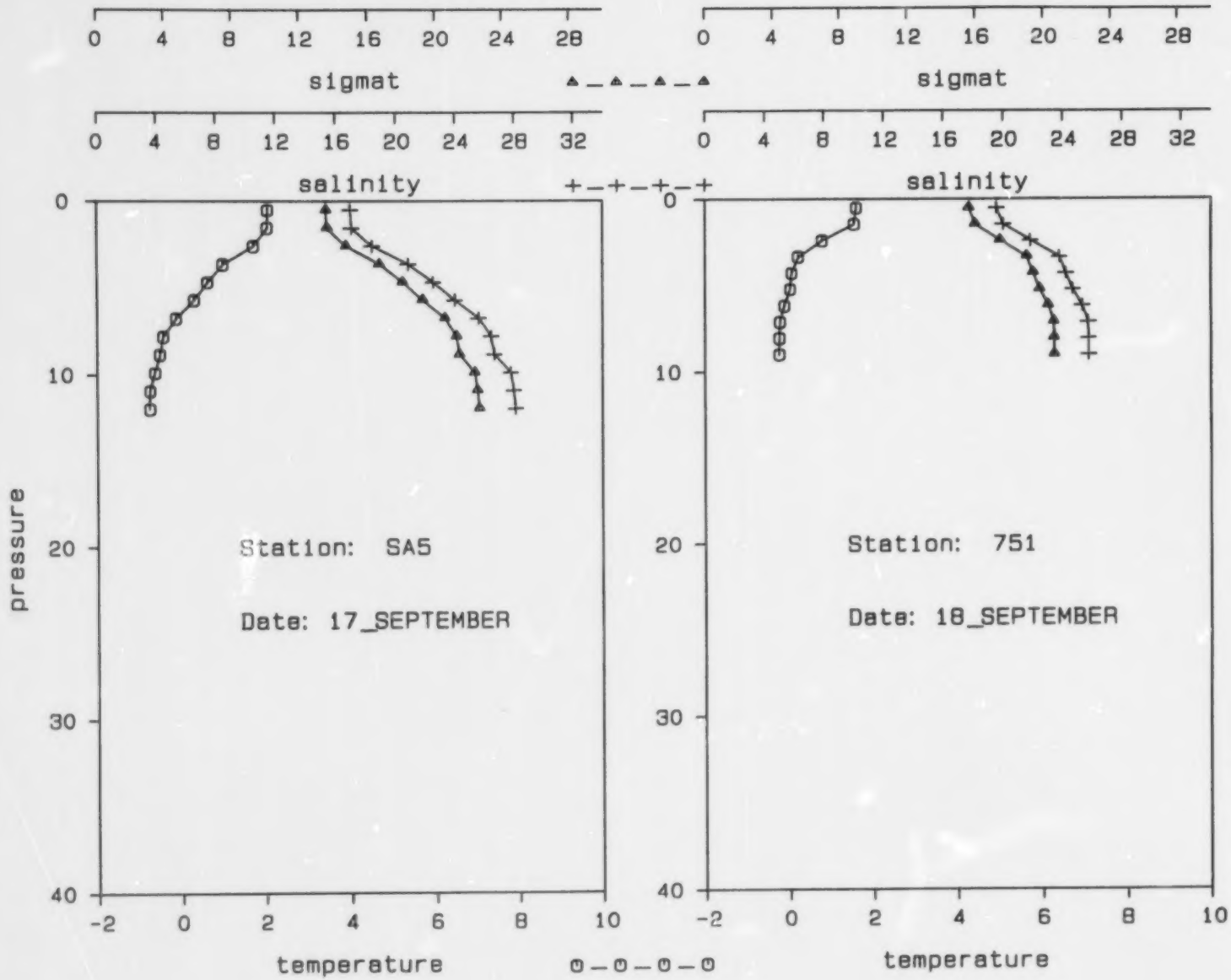

sigmat
salinity
Station: SA2
Date: 17_SEPTEMBER
pressure
temperature
sigmat
salinity
Station: SA1
Date: 17_SEPTEMBER
temperature

Station: SA2 Date: 17_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	0.73	21.74	1017.41
1.50	0.69	21.95	1017.58
2.50	0.49	22.75	1018.23
3.50	0.14	24.68	1019.80
4.50	-0.26	25.91	1020.80
5.50	-0.30	26.23	1021.06
6.50	-0.40	26.72	1021.47
7.50	-0.44	26.82	1021.55
8.50	-0.47	26.90	1021.63
9.50	-0.48	26.95	1021.67

Station: SA1 Date: 17_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	1.10	22.17	1017.74
1.44	1.10	22.19	1017.76
2.38	1.07	22.33	1017.88
3.31	0.88	22.83	1018.29
4.25	0.46	23.79	1019.08
5.19	0.35	24.25	1019.45
6.12	-0.01	24.68	1019.81
7.06	-0.10	25.55	1020.52
8.00	-0.24	25.85	1020.77

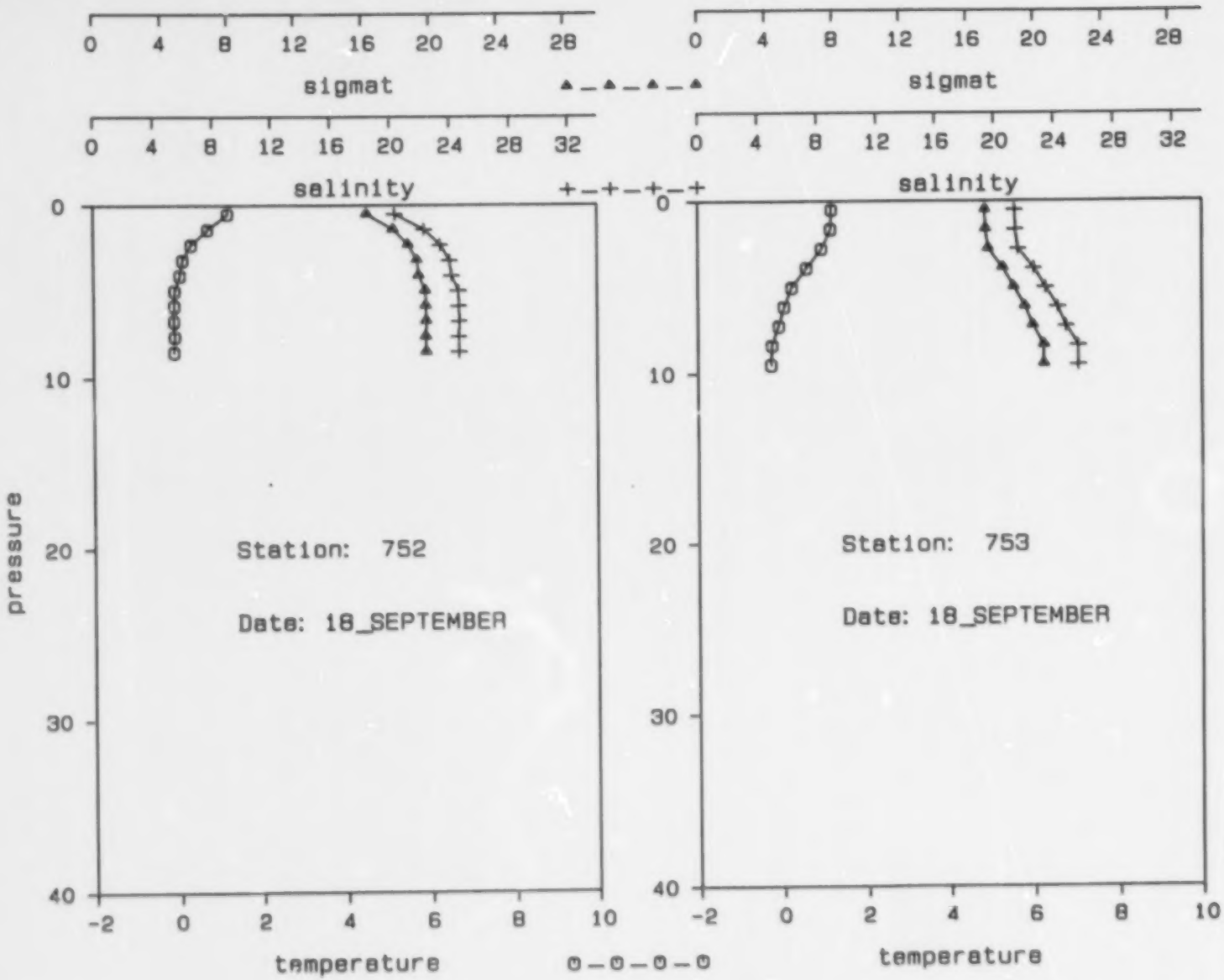

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: SA5
Date: 17_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: 751
Date: 18_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: SA5 Date: 17_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	2.06	16.99	1013.57
1.55	2.05	17.07	1013.64
2.59	1.73	18.44	1014.75
3.64	1.00	20.85	1016.70
4.68	0.64	22.52	1018.06
5.73	0.32	23.98	1019.24
6.77	-0.12	25.61	1020.57
7.82	-0.42	26.46	1021.26
8.86	-0.51	26.67	1021.44
9.91	-0.62	27.80	1022.36
10.95	-0.74	27.99	1022.53
12.00	-0.75	28.13	1022.64

Station: 751 Date: 18_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	1.60	19.59	1015.66
1.44	1.55	20.04	1016.03
2.39	0.79	21.84	1017.49
3.33	0.21	23.79	1019.08
4.28	0.06	24.23	1019.44
5.22	0.02	24.69	1019.82
6.17	-0.12	25.33	1020.34
7.11	-0.22	25.72	1020.66
8.06	-0.23	25.75	1020.69
9.00	-0.24	25.75	1020.70

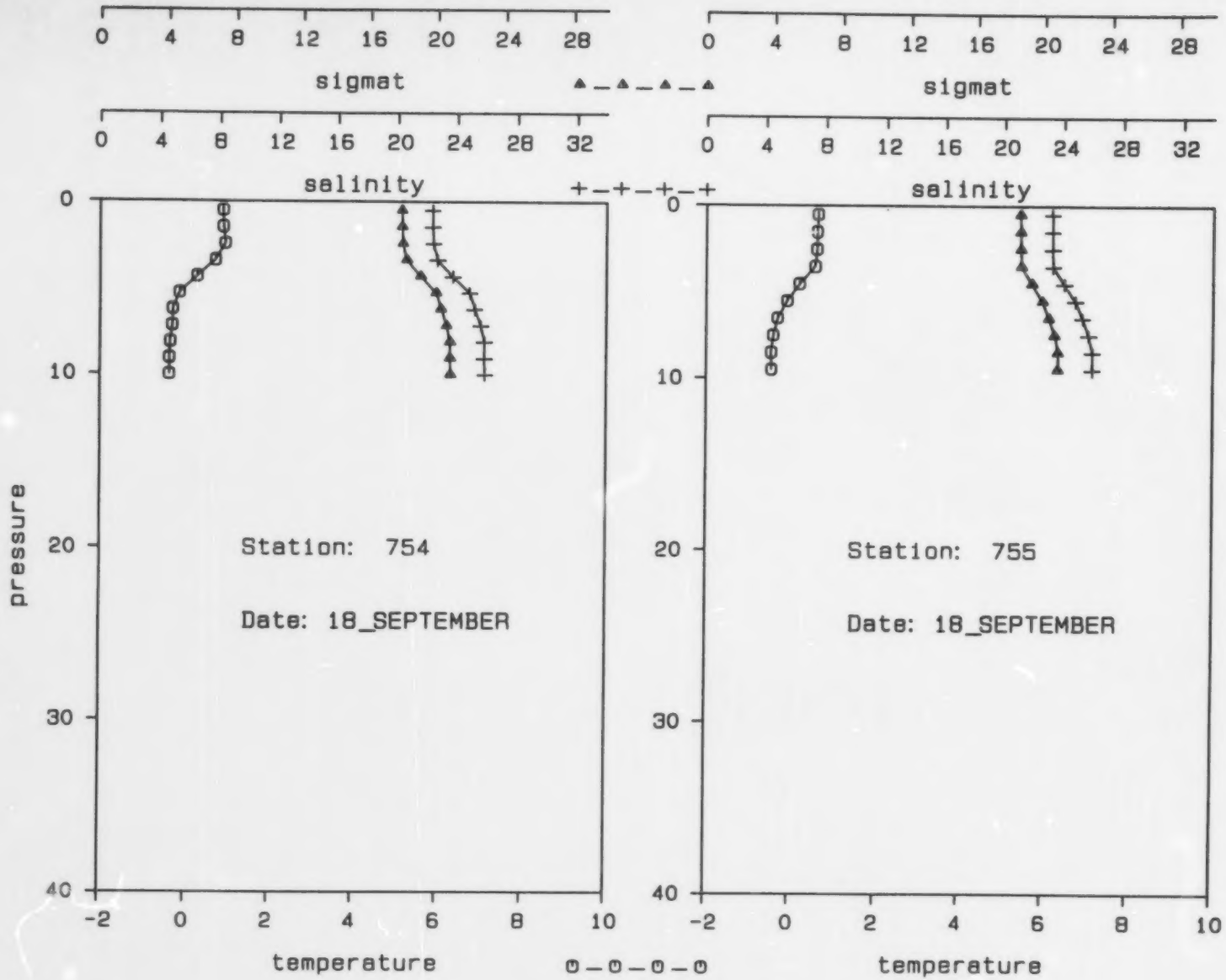

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: 752
Date: 18_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: 753
Date: 18_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: 752 Date: 18_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	1.20	20.34	1016.27
1.39	0.72	22.28	1017.84
2.28	0.32	23.35	1018.72
3.17	0.11	23.99	1019.24
4.06	0.05	24.12	1019.35
4.94	-0.08	24.57	1019.72
5.83	-0.09	24.60	1019.75
6.72	-0.10	24.63	1019.78
7.61	-0.08	24.59	1019.75
8.50	-0.10	24.61	1019.77

Station: 753 Date: 18_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	1.17	21.42	1017.14
1.62	1.15	21.45	1017.17
2.75	0.93	21.64	1017.33
3.88	0.57	22.69	1018.19
5.00	0.23	23.48	1018.84
6.12	0.05	24.29	1019.50
7.25	-0.08	24.85	1019.96
8.38	-0.24	25.65	1020.61
9.50	-0.26	25.65	1020.61

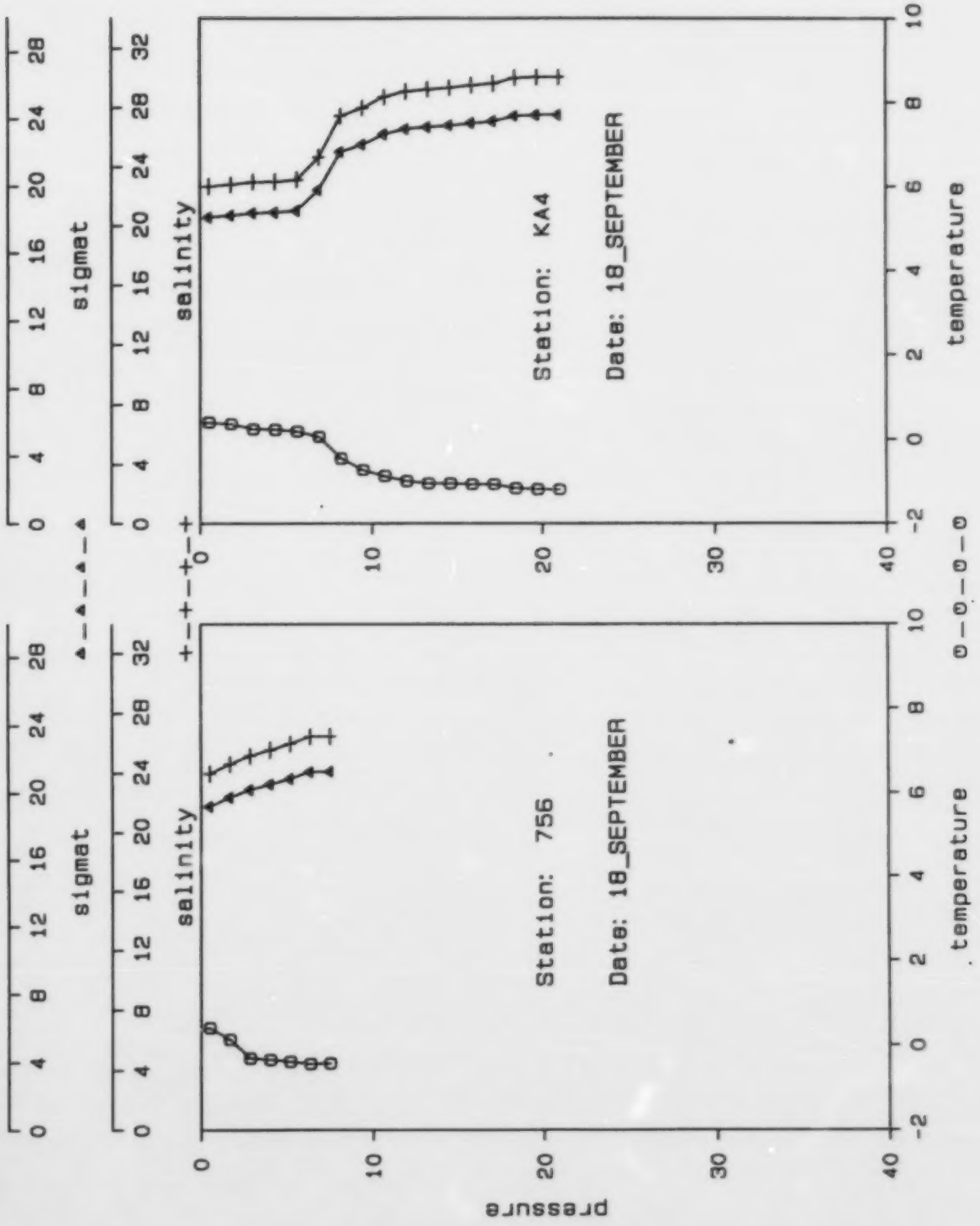

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: 754
Date: 18_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: 755
Date: 18_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: 754 Date: 18_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	0.89	22.33	1017.87
1.45	0.90	22.34	1017.89
2.40	0.94	22.38	1017.93
3.35	0.72	22.66	1018.16
4.30	0.28	23.69	1019.00
5.25	-0.13	24.82	1019.92
6.20	-0.30	25.15	1020.20
7.15	-0.31	25.56	1020.54
8.10	-0.36	25.81	1020.74
9.05	-0.38	25.81	1020.74
10.00	-0.38	25.85	1020.78

Station: 755 Date: 18_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	0.63	23.23	1018.61
1.50	0.62	23.24	1018.62
2.50	0.61	23.25	1018.63
3.50	0.57	23.30	1018.67
4.50	0.21	24.07	1019.31
5.50	-0.08	24.81	1019.92
6.50	-0.31	25.28	1020.31
7.50	-0.41	25.69	1020.64
8.50	-0.46	25.94	1020.85
9.50	-0.45	25.93	1020.85

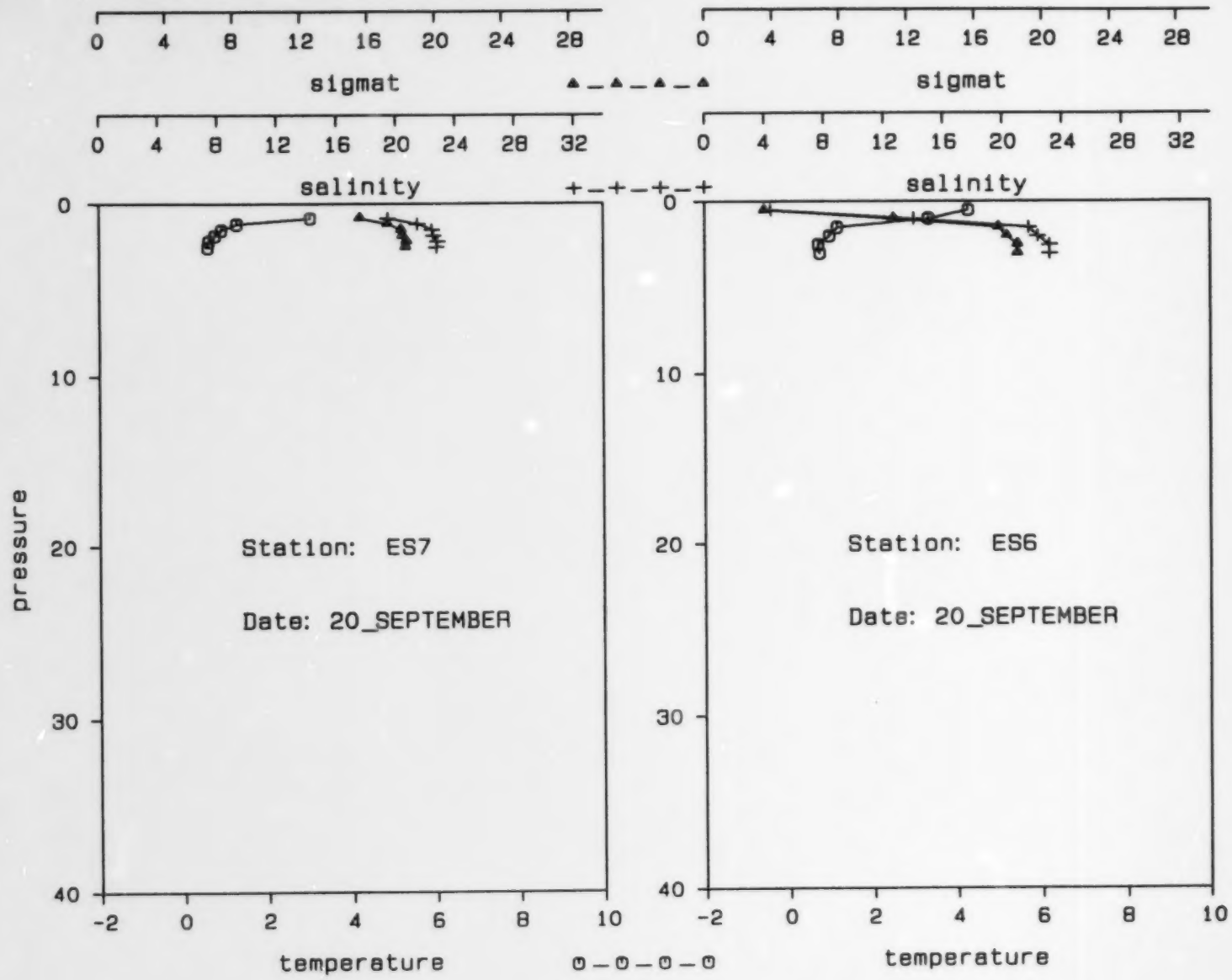

sigmat
salinity
Station: KA4
Date: 18_SEPTEMBER
temperature
sigmat
salinity
Station: 756
Date: 18_SEPTEMBER
temperature
pressure

Station: 756 Date: 18_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	0.41	23.95	1019.19
1.67	0.14	24.60	1019.73
2.83	-0.30	25.16	1020.19
4.00	-0.33	25.55	1020.51
5.17	-0.38	25.95	1020.84
6.33	-0.43	26.45	1021.25
7.50	-0.42	26.46	1021.26

Station: KA4 Date: 18_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	0.40	22.66	1018.16
1.78	0.36	22.79	1018.26
3.06	0.25	22.97	1018.42
4.34	0.24	23.00	1018.45
5.62	0.19	23.13	1018.56
6.91	0.06	24.66	1019.80
8.19	-0.44	27.43	1022.05
9.47	-0.71	27.97	1022.50
10.75	-0.86	28.73	1023.12
12.03	-0.98	29.10	1023.43
13.31	-1.04	29.23	1023.55
14.59	-1.04	29.34	1023.64
15.88	-1.06	29.52	1023.79
17.16	-1.06	29.65	1023.90
18.44	-1.16	30.02	1024.21
19.72	-1.17	30.06	1024.25
21.00	-1.18	30.07	1024.26

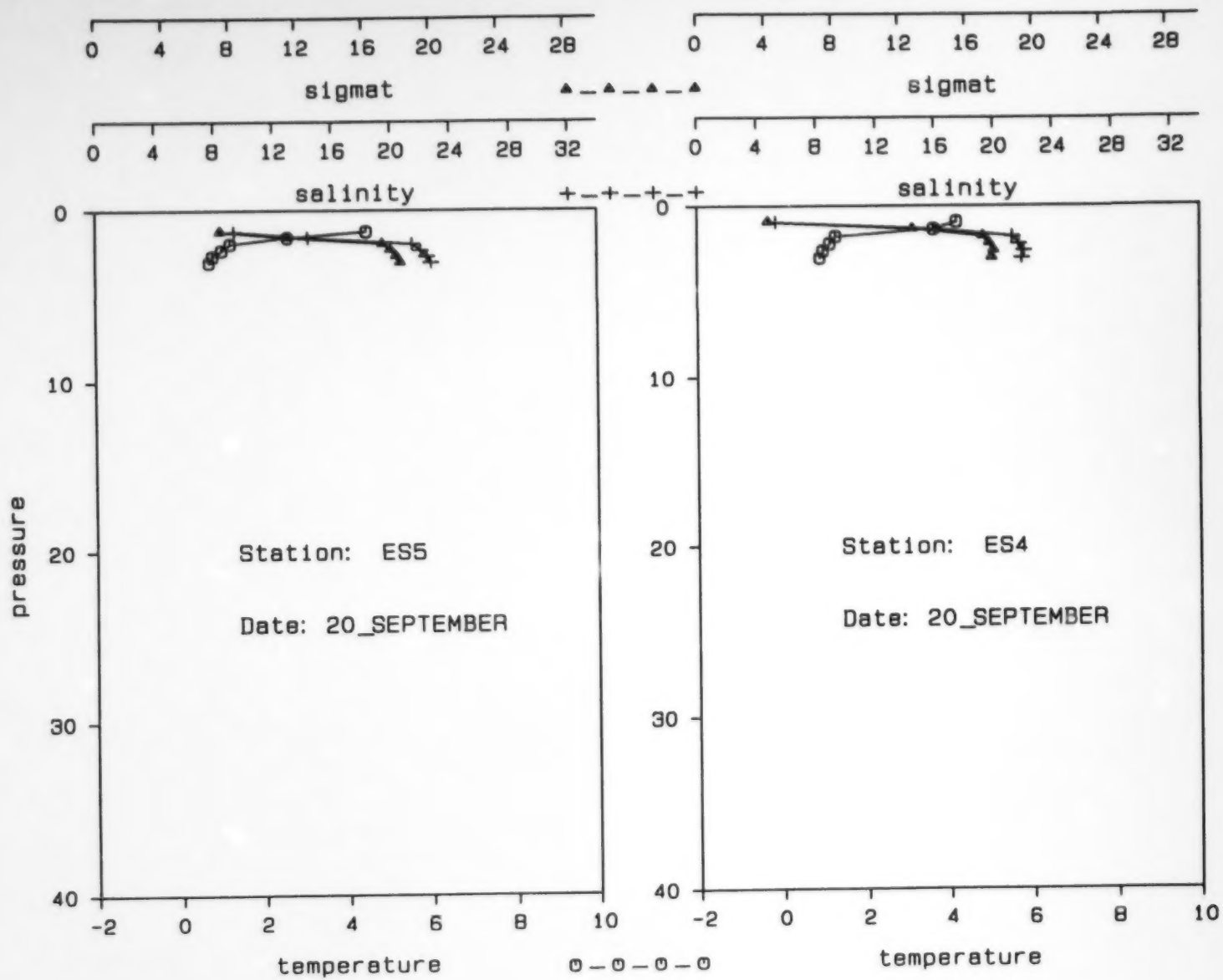

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: ES7
Date: 20_SEPTEMBER
Station: ES6
Date: 20_SEPTEMBER
-2 0 2 4 6 8 10
temperature
-2 0 2 4 6 8 10
temperature

Station: ES7 Date: 20_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.83	3.03	19.48	1015.52
1.17	1.29	21.45	1017.16
1.50	0.93	22.45	1017.97
1.83	0.78	22.54	1018.05
2.17	0.63	22.82	1018.28
2.50	0.61	22.74	1018.22

Station: ES6 Date: 20_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	4.26	4.44	1003.53
1.00	3.32	14.07	1011.21
1.50	1.15	21.80	1017.45
2.00	0.96	22.41	1017.95
2.50	0.70	23.20	1018.59
3.00	0.73	23.19	1018.59

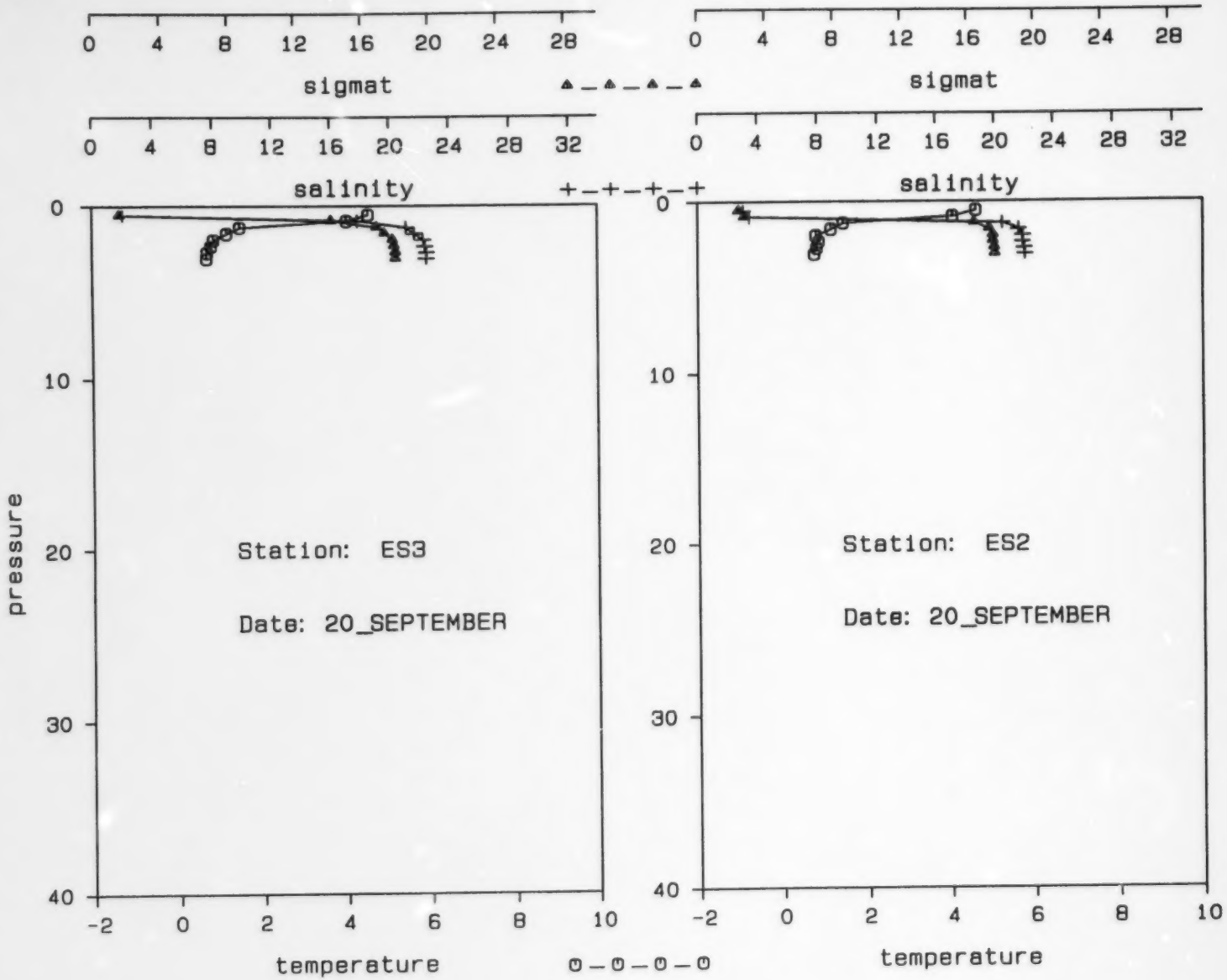

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: ES5
Date: 20_SEPTEMBER
Station: ES4
Date: 20_SEPTEMBER
-2 0 2 4 6 8 10
temperature
-2 0 2 4 6 8 10
temperature

Station: ES5 Date: 20_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
1.21	4.48	9.40	1007.46
1.57	2.60	14.39	1011.49
1.93	1.22	21.46	1017.18
2.29	1.02	22.06	1017.66
2.64	0.81	22.46	1017.99
3.00	0.72	22.74	1018.22

Station: ES4 Date: 20_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.92	4.19	5.30	1004.21
1.33	3.64	16.12	1012.83
1.75	1.28	21.30	1017.05
2.17	1.15	21.76	1017.42
2.58	0.99	22.10	1017.70
3.00	0.91	21.96	1017.59

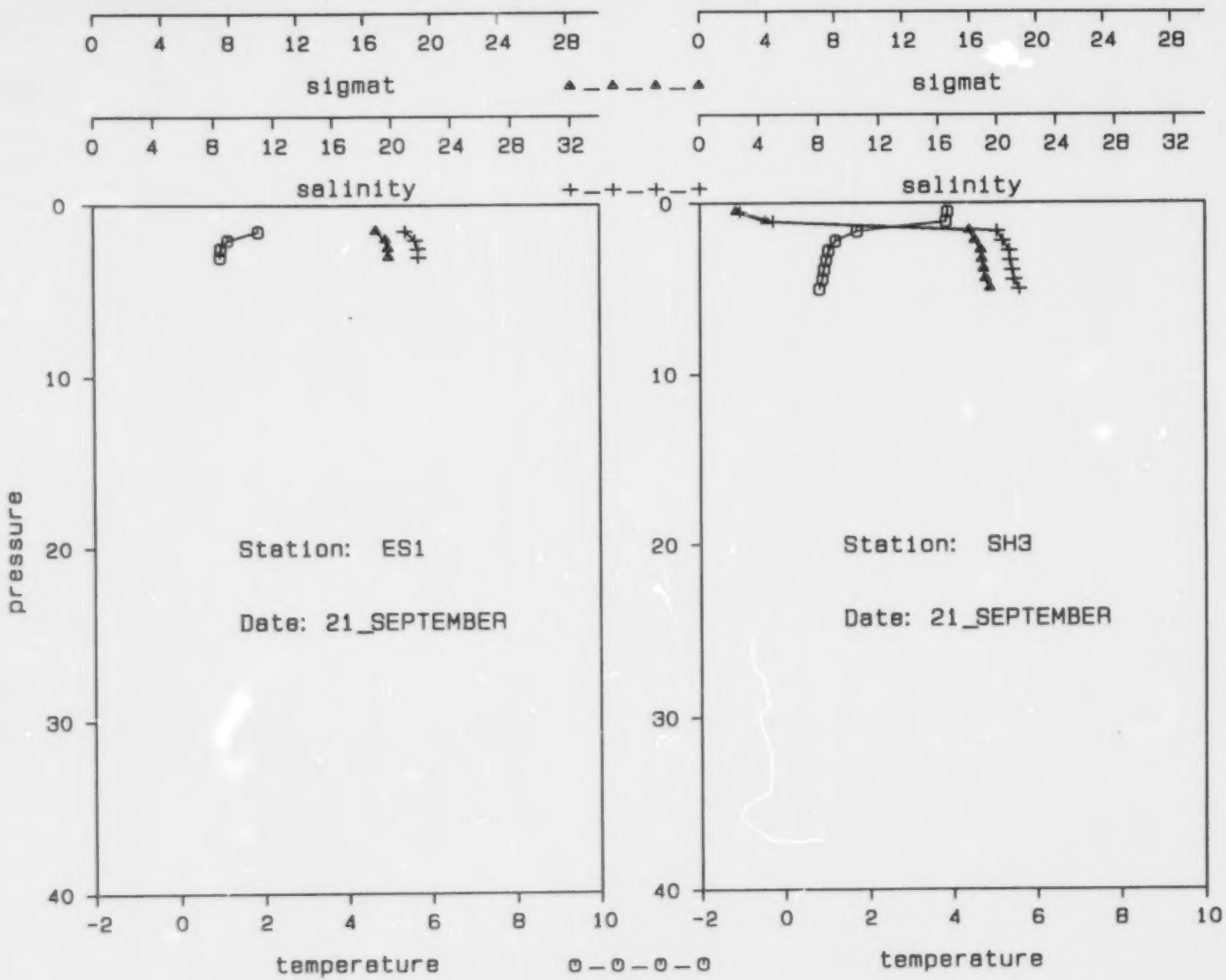

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: ES3
Date: 20_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: ES2
Date: 20_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: ES3 Date: 20_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	4.56	2.04	1001.61
0.86	4.04	17.85	1014.17
1.21	1.47	21.14	1016.91
1.57	1.17	21.69	1017.36
1.93	0.86	22.29	1017.85
2.29	0.80	22.39	1017.94
2.64	0.71	22.52	1018.04
3.00	0.70	22.50	1018.03

Station: ES2 Date: 20_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	4.62	3.07	1002.43
0.86	4.06	3.49	1002.77
1.21	1.44	20.56	1016.44
1.57	1.15	21.66	1017.34
1.93	0.80	21.95	1017.58
2.29	0.86	21.94	1017.57
2.64	0.81	22.05	1017.66
3.00	0.76	22.09	1017.70

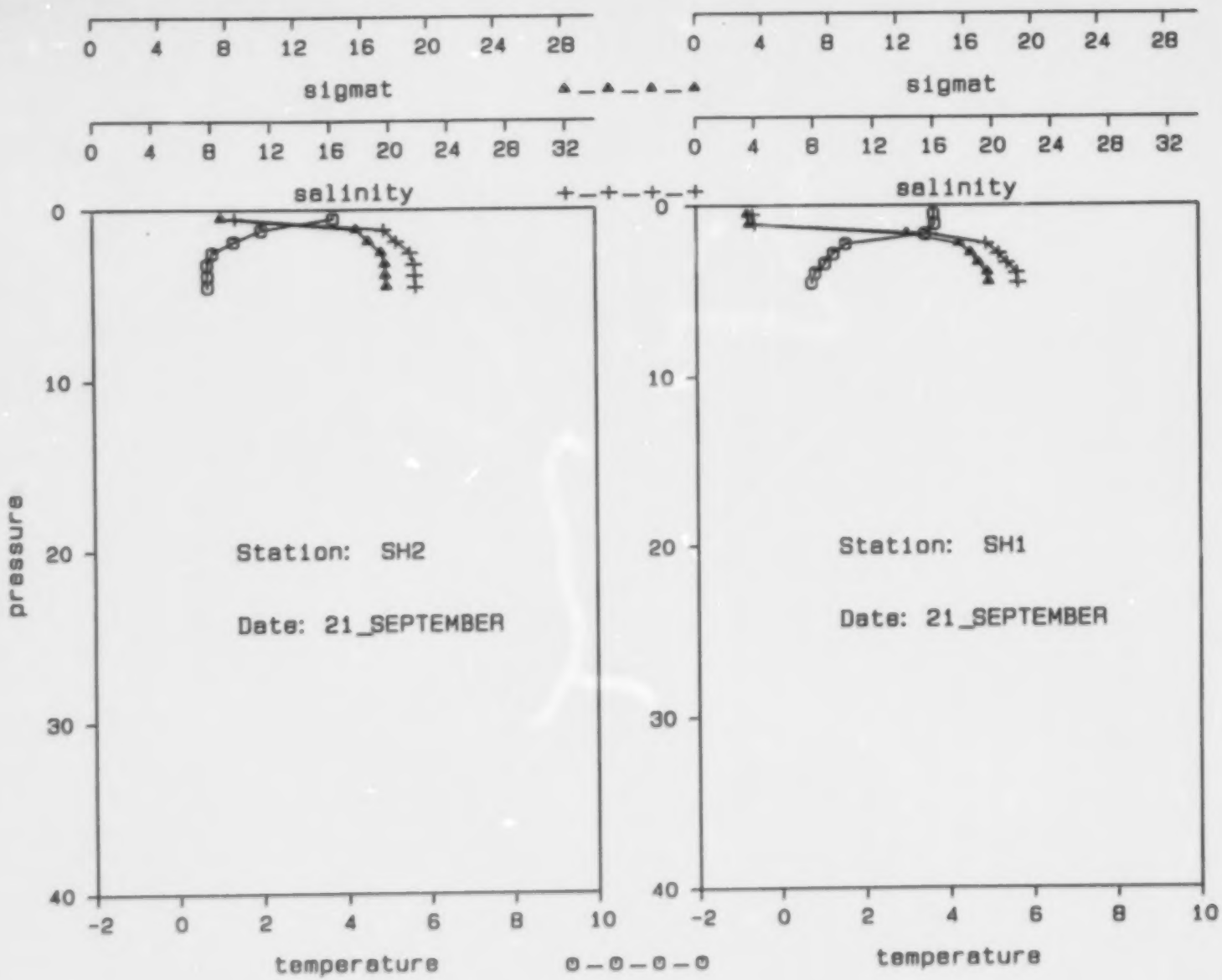

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: ES1
Date: 21_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: SH3
Date: 21_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: ES1 Date: 21_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
1.50	1.87	20.93	1016.73
2.00	1.15	21.61	1017.29
2.50	0.99	21.80	1017.45
3.00	0.97	21.83	1017.48

Station: SH3 Date: 21_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	3.88	2.73	1002.16
1.06	3.84	4.98	1003.97
1.62	1.73	20.00	1015.99
2.19	1.22	20.40	1016.33
2.75	1.06	20.85	1016.69
3.31	1.00	20.92	1016.76
3.88	0.95	21.05	1016.87
4.44	0.91	21.17	1016.97
5.00	0.84	21.51	1017.24

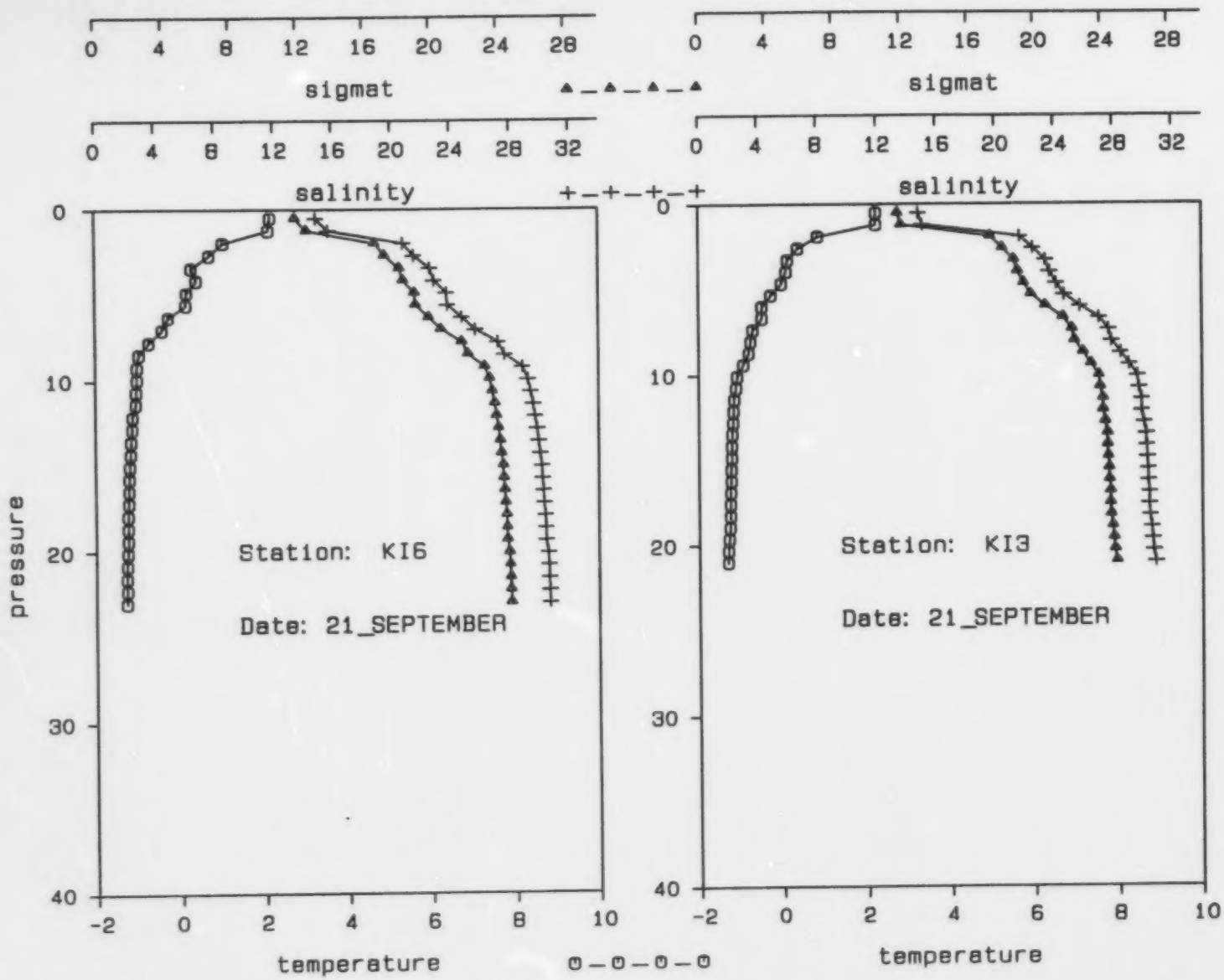

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: SH2
Date: 21_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: SH1
Date: 21_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: SH2 Date: 21_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	3.72	9.62	1007.66
1.17	2.02	19.59	1015.66
1.83	1.37	20.46	1016.37
2.50	0.86	21.40	1017.14
3.17	0.73	21.68	1017.37
3.83	0.74	21.72	1017.40
4.50	0.74	21.77	1017.45

Station: SH1 Date: 21_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	3.67	3.86	1003.07
1.07	3.69	4.01	1003.20
1.64	3.46	15.80	1012.58
2.21	1.58	19.57	1015.65
2.79	1.29	20.43	1016.35
3.36	1.09	20.98	1016.80
3.93	0.86	21.65	1017.35
4.50	0.77	21.74	1017.42

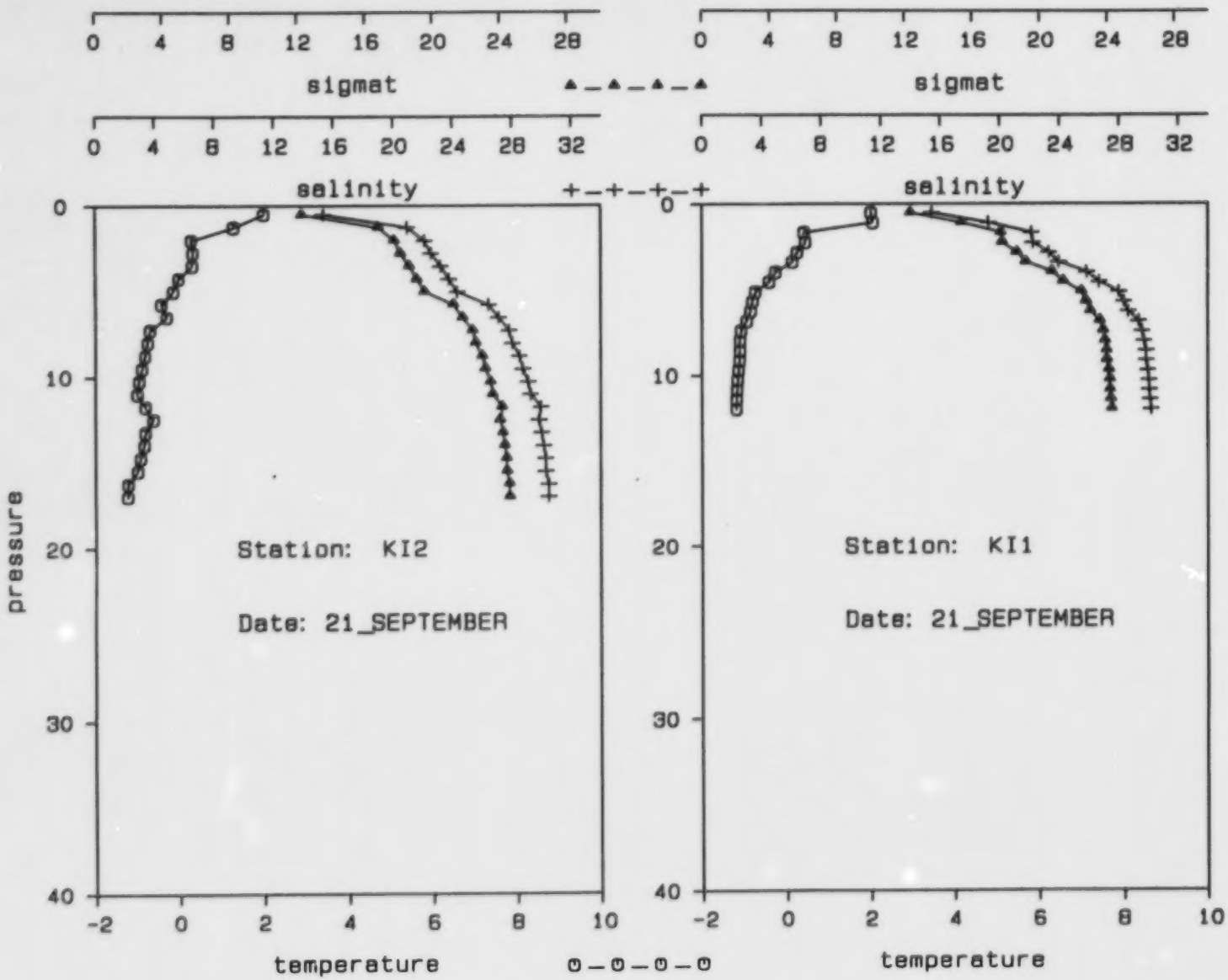

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: KI6
Date: 21_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: KI3
Date: 21_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: KI6 Date: 21_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	2.16	14.91	1011.91
1.23	2.12	15.76	1012.59
1.95	1.04	20.80	1016.65
2.68	0.72	21.54	1017.26
3.40	0.29	22.63	1018.14
4.13	0.42	22.90	1018.36
4.85	0.18	23.75	1019.06
5.58	0.16	23.82	1019.12
6.31	-0.26	24.78	1019.90
7.03	-0.41	25.69	1020.64
7.76	-0.73	27.20	1021.87
8.48	-0.97	27.64	1022.23
9.21	-1.01	28.85	1023.22
9.94	-1.01	29.21	1023.51
10.66	-1.03	29.39	1023.66
11.39	-1.04	29.57	1023.81
12.11	-1.12	29.69	1023.92
12.84	-1.13	29.83	1024.03
13.56	-1.16	29.94	1024.12
14.29	-1.16	30.03	1024.20
15.02	-1.19	30.14	1024.30
15.74	-1.20	30.17	1024.32
16.47	-1.21	30.25	1024.39
17.19	-1.22	30.30	1024.43
17.92	-1.24	30.38	1024.50
18.65	-1.24	30.40	1024.52
19.37	-1.24	30.42	1024.54
20.10	-1.25	30.56	1024.66
20.82	-1.26	30.60	1024.69
21.55	-1.27	30.63	1024.72
22.27	-1.26	30.64	1024.73
23.00	-1.27	30.67	1024.76

Station: KI3 Date: 21_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	2.23	14.86	1011.86
1.18	2.23	15.13	1012.08
1.87	0.86	21.71	1017.39
2.55	0.38	22.60	1018.11
3.23	0.14	23.45	1018.81
3.92	0.10	23.74	1019.04
4.60	-0.01	24.18	1019.40
5.28	-0.26	24.72	1019.85
5.97	-0.48	25.77	1020.70
6.65	-0.48	27.06	1021.74
7.33	-0.69	27.71	1022.27
8.02	-0.75	27.90	1022.44
8.70	-0.79	28.50	1022.93
9.38	-0.93	29.09	1023.41
10.07	-1.07	29.65	1023.87
10.75	-1.10	29.74	1023.95
11.43	-1.15	29.93	1024.11
12.12	-1.16	29.93	1024.11
12.80	-1.17	30.08	1024.24
13.48	-1.20	30.24	1024.37
14.17	-1.21	30.25	1024.38
14.85	-1.21	30.29	1024.41
15.53	-1.23	30.35	1024.47
16.22	-1.23	30.37	1024.49
16.90	-1.24	30.44	1024.55
17.58	-1.25	30.43	1024.54
18.27	-1.25	30.47	1024.58
18.95	-1.26	30.59	1024.68
19.63	-1.28	30.66	1024.74
20.32	-1.30	30.72	1024.79
21.00	-1.31	30.85	1024.90

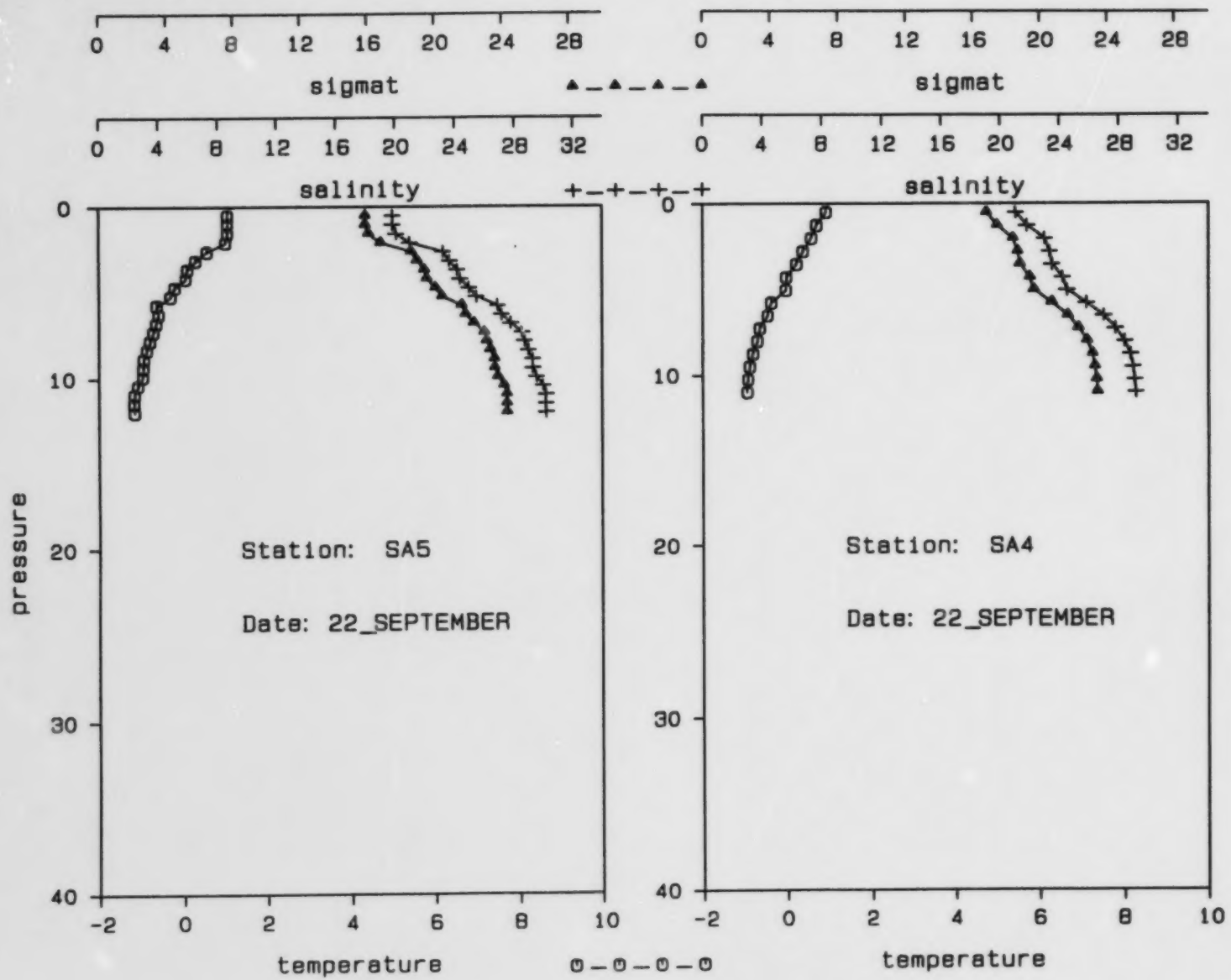

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: KI2
Date: 21_SEPTEMBER
Station: KI1
Date: 21_SEPTEMBER
-2 0 2 4 6 8 10
temperature
-2 0 2 4 6 8 10
temperature

Station: KI2 Date: 21_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	2.01	15.34	1012.26
1.25	1.29	20.96	1016.77
2.00	0.29	22.12	1017.72
2.75	0.34	22.55	1018.08
3.50	0.32	23.19	1018.60
4.25	-0.01	23.76	1019.06
5.00	-0.14	24.33	1019.52
5.75	-0.42	26.44	1021.24
6.50	-0.30	27.10	1021.77
7.25	-0.69	27.83	1022.37
8.00	-0.76	28.05	1022.56
8.75	-0.82	28.53	1022.95
9.50	-0.89	28.76	1023.14
10.25	-0.97	29.12	1023.44
11.00	-1.01	29.27	1023.57
11.75	-0.81	29.98	1024.14
12.50	-0.62	29.83	1024.01
13.25	-0.81	30.02	1024.18
14.00	-0.84	30.15	1024.29
14.75	-0.93	30.28	1024.40
15.50	-1.00	30.29	1024.41
16.25	-1.23	30.48	1024.57
17.00	-1.24	30.49	1024.58

Station: KI1 Date: 21_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	2.01	15.47	1012.36
1.08	2.05	19.28	1015.40
1.65	0.42	22.14	1017.74
2.22	0.45	22.23	1017.82
2.80	0.25	23.30	1018.68
3.38	0.14	23.96	1019.22
3.95	-0.26	25.83	1020.74
4.53	-0.41	26.67	1021.42
5.10	-0.73	27.99	1022.49
5.68	-0.80	28.32	1022.77
6.25	-0.85	28.62	1023.01
6.82	-0.94	29.31	1023.57
7.40	-1.07	29.55	1023.77
7.97	-1.10	29.68	1023.88
8.55	-1.10	29.80	1023.99
9.12	-1.11	29.81	1024.00
9.70	-1.13	29.94	1024.10
10.27	-1.16	30.00	1024.16
10.85	-1.16	30.03	1024.19
11.43	-1.17	30.09	1024.23
12.00	-1.18	30.16	1024.29

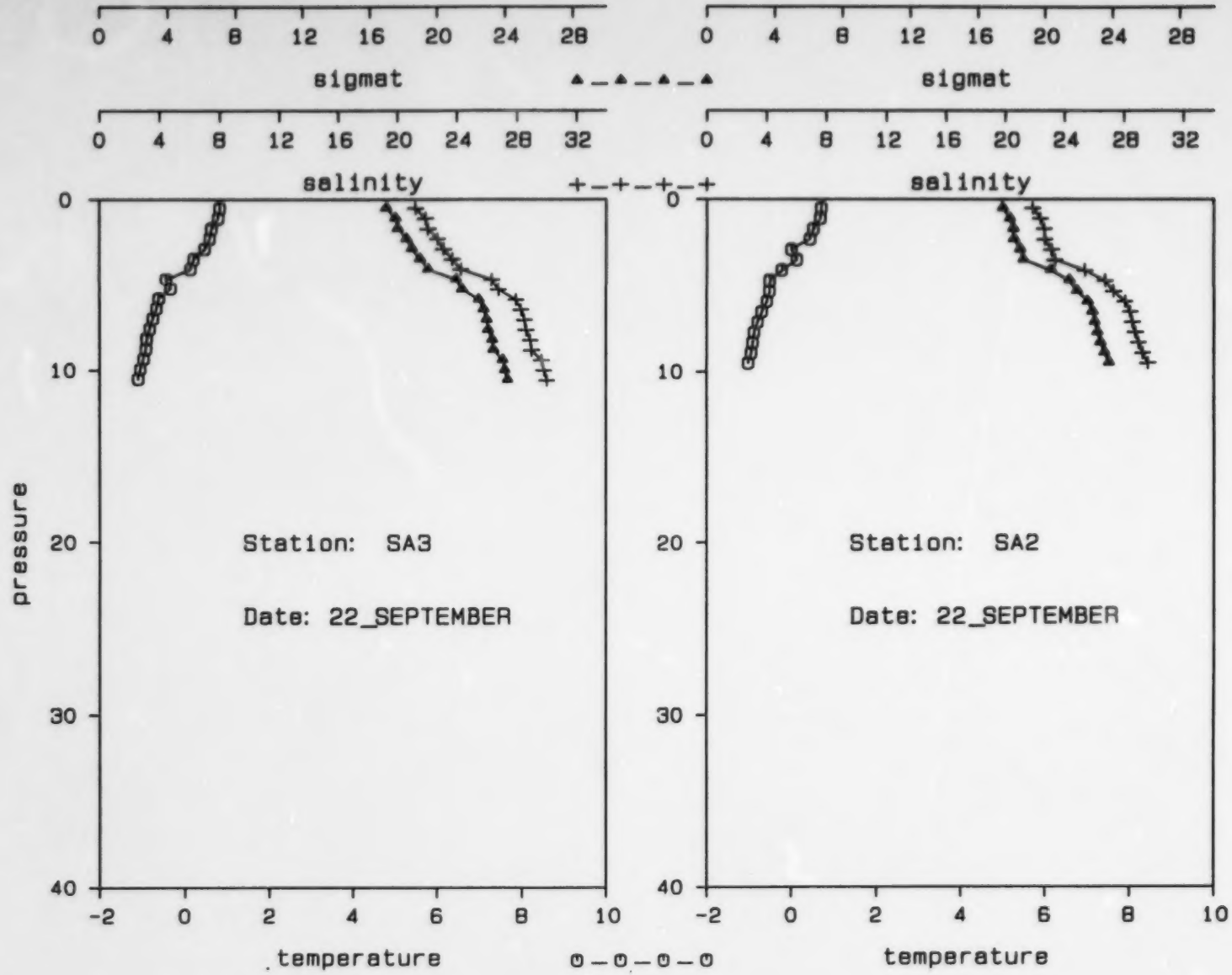

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: SA5
Date: 22_SEPTEMBER
Station: SA4
Date: 22_SEPTEMBER
-2 0 2 4 6 8 10
temperature
-2 0 2 4 6 8 10
temperature

Station: SA5 Date: 22_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	1.07	19.86	1015.89
1.02	1.07	19.84	1015.87
1.55	1.07	20.08	1016.07
2.07	1.02	20.99	1016.80
2.59	0.57	23.20	1018.59
3.11	0.30	23.64	1018.96
3.64	0.10	24.15	1019.37
4.16	0.06	24.34	1019.53
4.68	-0.20	24.95	1020.03
5.20	-0.30	25.44	1020.42
5.73	-0.63	26.87	1021.59
6.25	-0.59	27.13	1021.81
6.77	-0.64	27.76	1022.31
7.30	-0.71	28.51	1022.92
7.82	-0.79	28.69	1023.07
8.34	-0.87	28.95	1023.29
8.86	-0.94	29.24	1023.53
9.39	-0.95	29.25	1023.54
9.91	-0.96	29.49	1023.74
10.43	-1.07	29.94	1024.11
10.95	-1.16	30.15	1024.28
11.48	-1.16	30.14	1024.28
12.00	-1.16	30.15	1024.29

Station: SA4 Date: 22_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	0.92	21.05	1016.85
1.25	0.70	21.83	1017.48
2.00	0.57	23.00	1018.43
2.75	0.38	23.34	1018.71
3.50	0.23	23.50	1018.85
4.25	-0.01	24.22	1019.43
5.00	-0.02	24.52	1019.68
5.75	-0.37	25.82	1020.74
6.50	-0.45	26.99	1021.69
7.25	-0.64	27.76	1022.32
8.00	-0.69	28.39	1022.83
8.75	-0.80	28.78	1023.15
9.50	-0.88	28.95	1023.30
10.25	-0.92	29.08	1023.41
11.00	-0.94	29.14	1023.46

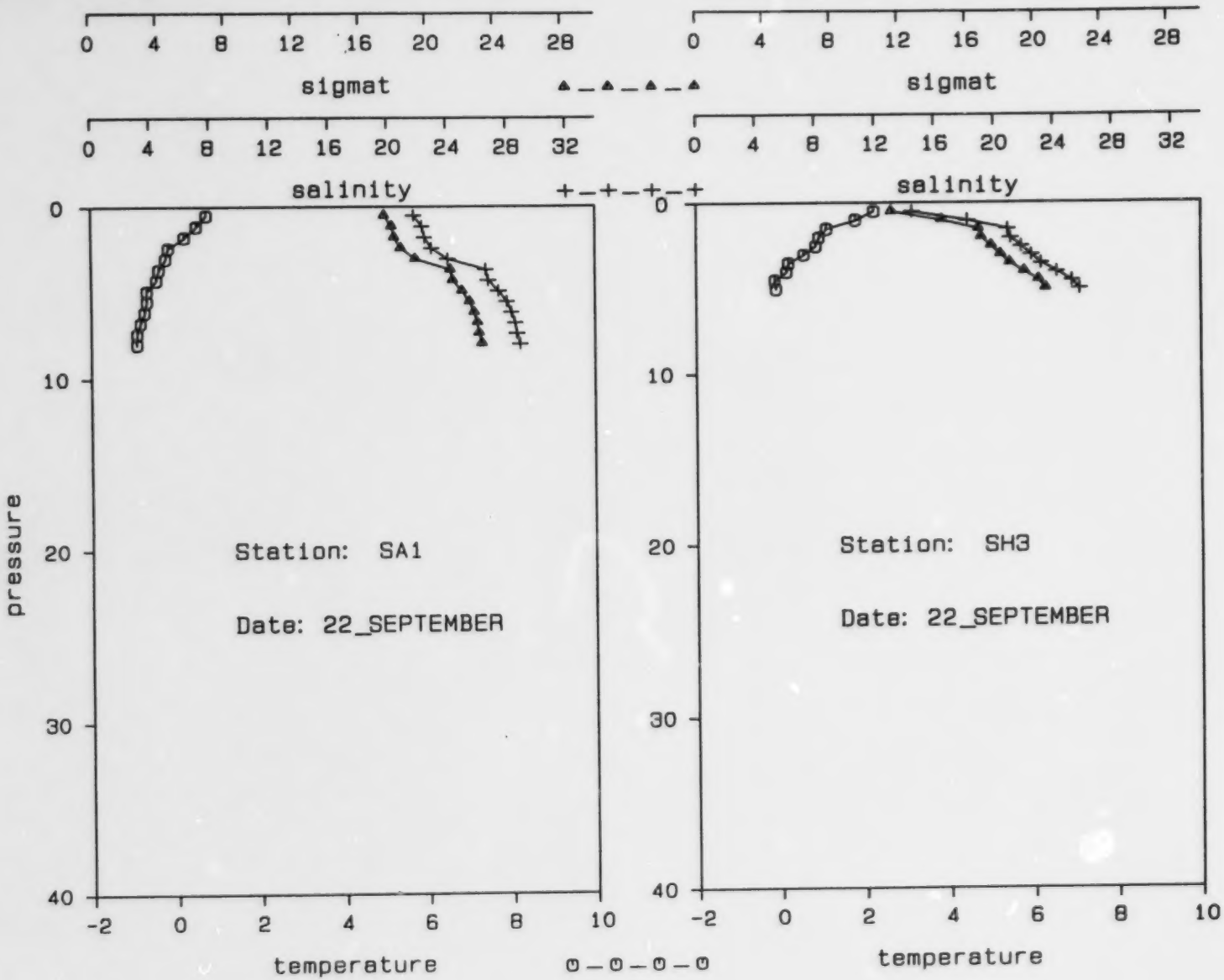

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: SA3
Date: 22_SEPTEMBER
-2 0 2 4 6 8 10
temperature
Station: SA2
Date: 22_SEPTEMBER

Station: SA3 Date: 22_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	0.82	21.22	1016.99
1.09	0.79	21.88	1017.52
1.68	0.63	22.05	1017.66
2.26	0.59	22.68	1018.17
2.85	0.47	23.08	1018.50
3.44	0.21	23.67	1018.98
4.03	0.14	24.24	1019.45
4.62	-0.44	26.29	1021.11
5.21	-0.33	26.77	1021.50
5.79	-0.61	27.96	1022.47
6.38	-0.66	28.29	1022.74
6.97	-0.75	28.52	1022.93
7.56	-0.82	28.63	1023.03
8.15	-0.89	28.91	1023.26
8.74	-0.91	28.99	1023.32
9.32	-0.97	29.67	1023.88
9.91	-1.04	29.82	1024.01
10.50	-1.09	30.03	1024.18

Station: SA2 Date: 22_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	0.71	21.84	1017.49
1.10	0.68	22.36	1017.91
1.70	0.52	22.62	1018.12
2.30	0.44	22.66	1018.16
2.90	0.00	23.12	1018.54
3.50	0.13	23.34	1018.72
4.10	-0.22	25.38	1020.37
4.70	-0.51	26.72	1021.46
5.30	-0.51	27.27	1021.91
5.90	-0.58	28.05	1022.54
6.50	-0.69	28.39	1022.82
7.10	-0.79	28.54	1022.95
7.70	-0.88	28.75	1023.12
8.30	-0.91	28.95	1023.29
8.90	-0.95	29.23	1023.52
9.50	-1.02	29.58	1023.81

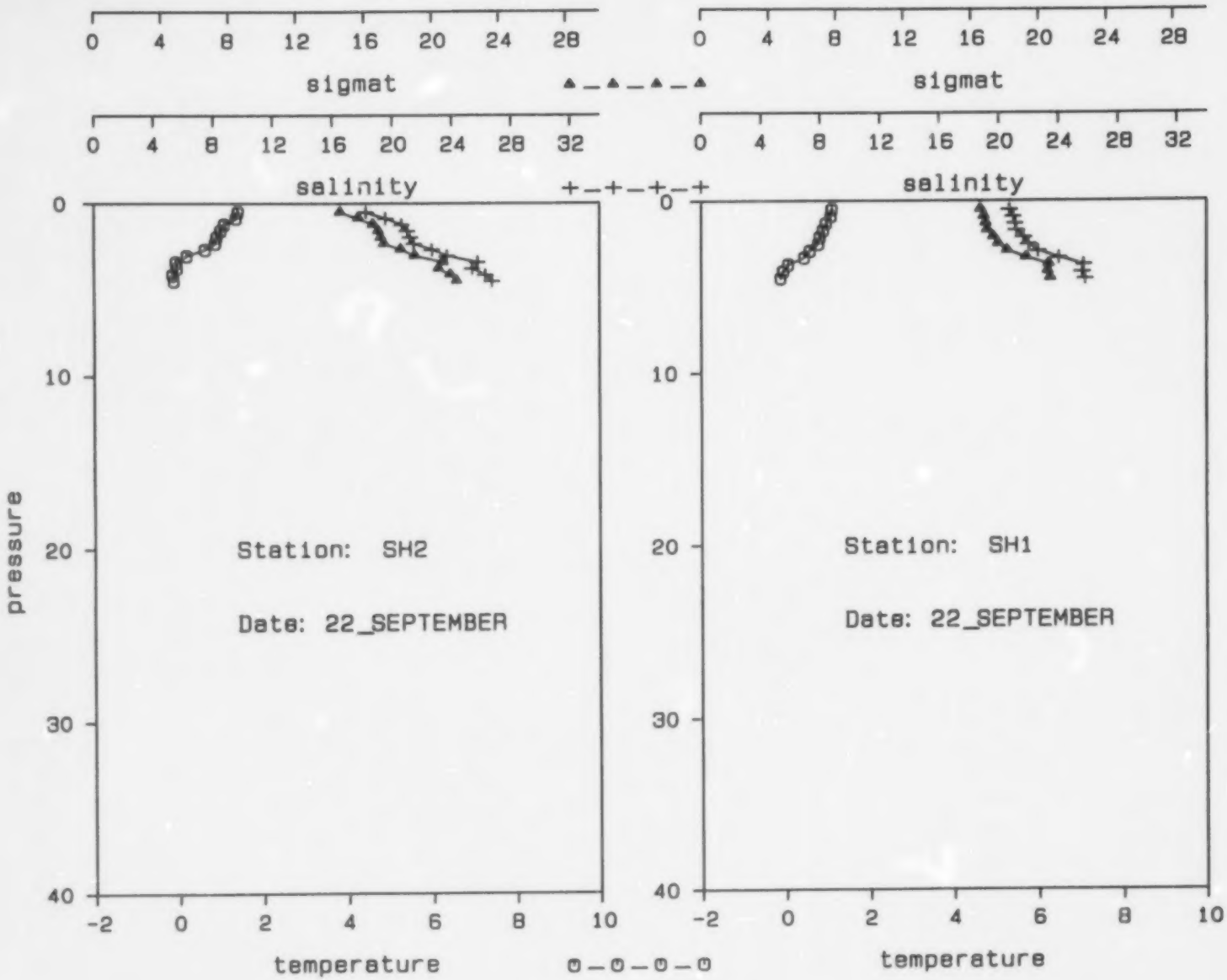

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: SA1
Date: 22_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: SH3
Date: 22_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: SA1 Date: 22_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	0.75	21.79	1017.44
1.12	0.52	22.34	1017.90
1.75	0.23	22.52	1018.04
2.38	-0.15	23.00	1018.44
3.00	-0.22	24.08	1019.32
3.62	-0.38	26.64	1021.39
4.25	-0.44	26.82	1021.54
4.88	-0.67	27.50	1022.09
5.50	-0.67	28.05	1022.55
6.12	-0.72	28.37	1022.81
6.75	-0.82	28.61	1023.01
7.38	-0.90	28.73	1023.11
8.00	-0.91	28.95	1023.29

Station: SH3 Date: 22_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	2.23	14.56	1011.62
1.00	1.80	18.25	1014.59
1.50	1.11	20.95	1016.76
2.00	0.93	21.14	1016.93
2.50	0.86	21.87	1017.51
3.00	0.57	22.54	1018.06
3.50	0.21	23.20	1018.60
4.00	0.16	24.26	1019.46
4.50	-0.12	25.31	1020.31
5.00	-0.09	25.83	1020.73

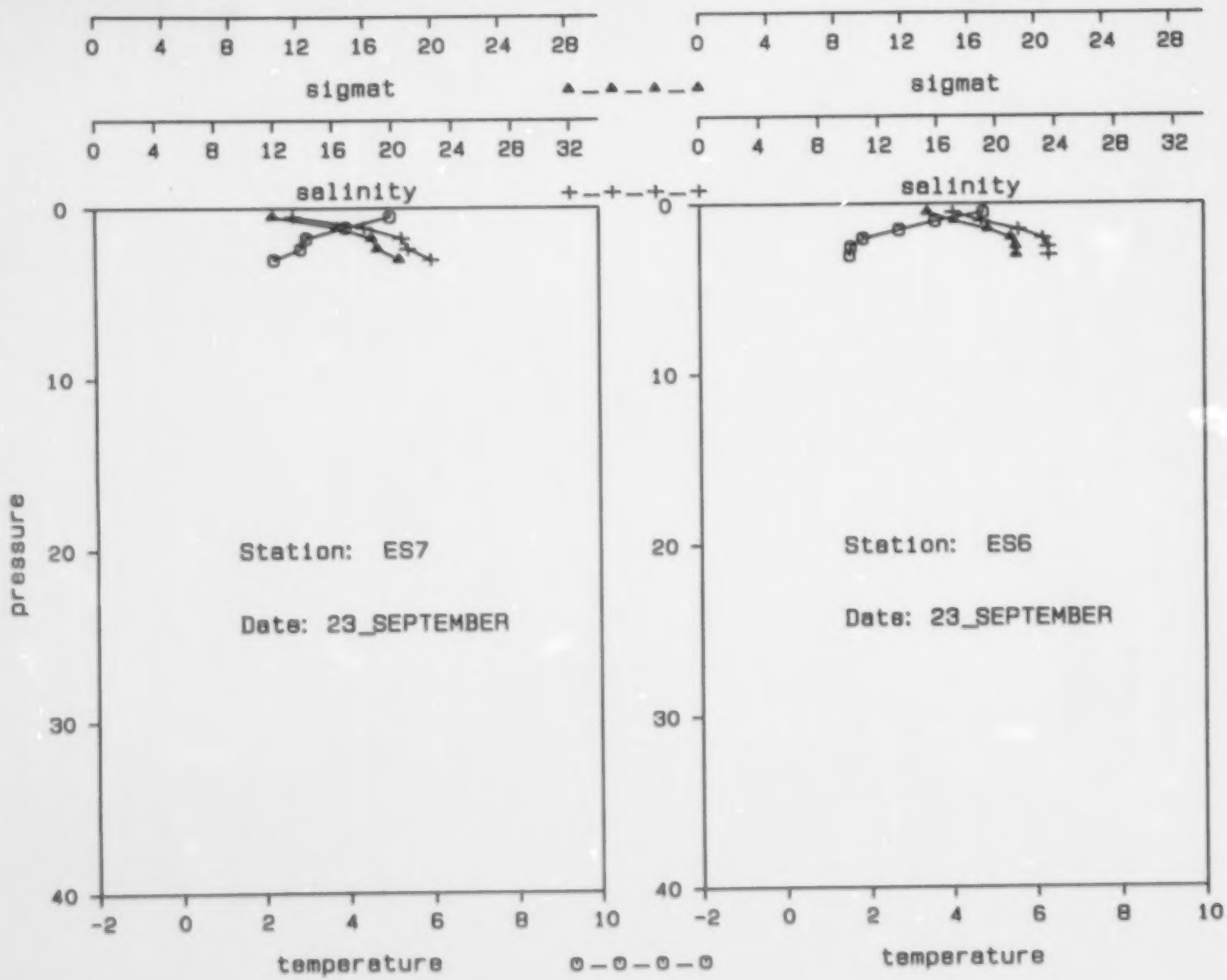

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: SH2
Date: 22_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: SH1
Date: 22_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: SH2 Date: 22_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	1.42	18.23	1014.58
0.86	1.38	19.55	1015.64
1.23	1.09	20.63	1016.51
1.59	1.00	21.00	1016.81
1.95	0.91	21.18	1016.96
2.32	0.88	21.43	1017.16
2.68	0.64	22.64	1018.14
3.05	0.21	23.67	1018.98
3.41	-0.04	25.73	1020.65
3.77	-0.03	25.37	1020.36
4.14	-0.13	26.26	1021.08
4.50	-0.10	26.72	1021.45

Station: SH1 Date: 22_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	1.10	20.72	1016.58
0.90	1.08	20.97	1016.78
1.30	0.97	21.10	1016.89
1.70	0.90	21.19	1016.96
2.10	0.81	21.67	1017.35
2.50	0.78	22.00	1017.62
2.90	0.58	22.65	1018.15
3.30	0.44	24.04	1019.27
3.70	0.06	25.70	1020.62
4.10	-0.05	25.60	1020.54
4.50	-0.12	25.79	1020.70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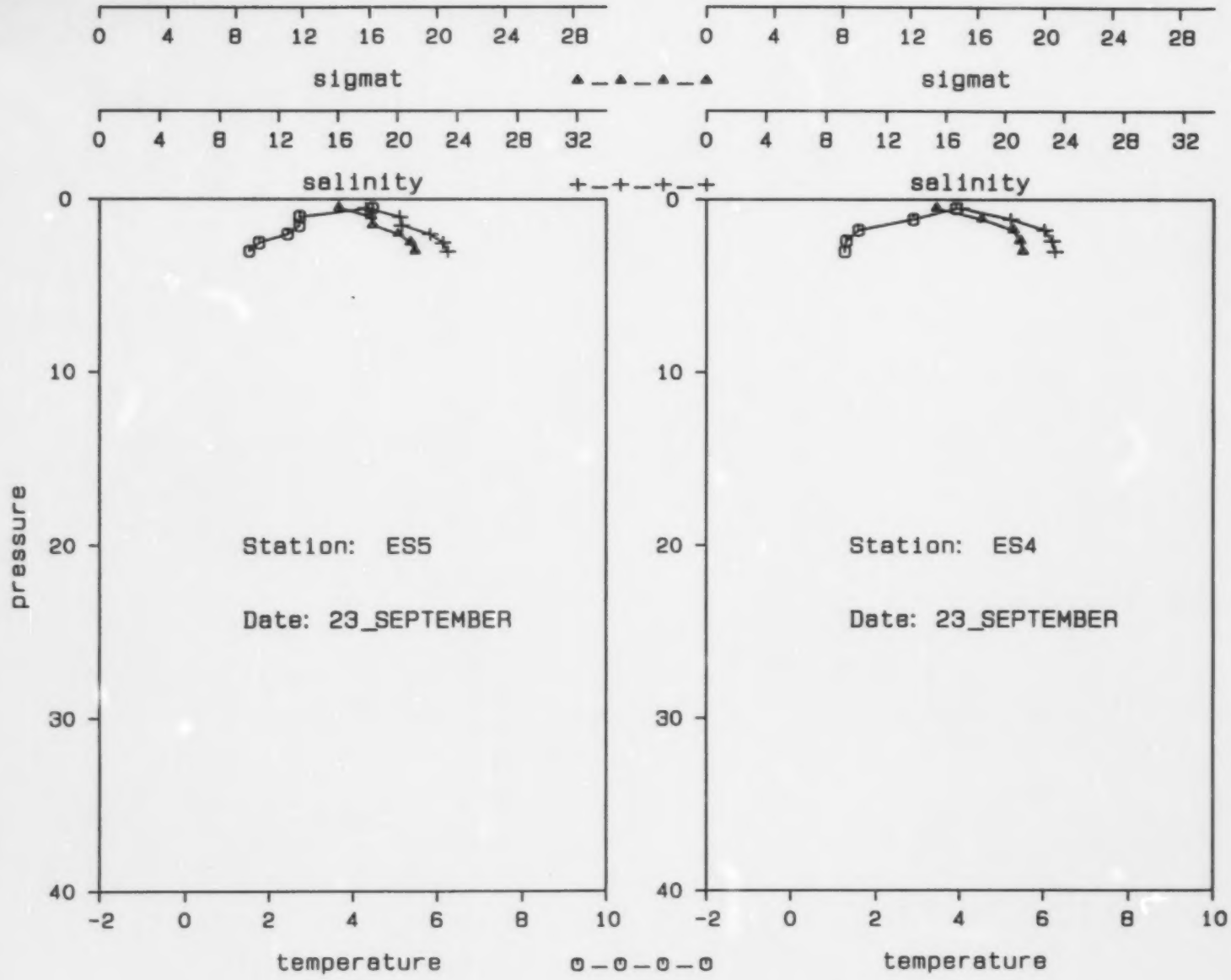
sigmat
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: ES7
Date: 23_SEPTEMBER
Station: ES6
Date: 23_SEPTEMBER
-2 0 2 4 6 8 10
temperature
-2 0 2 4 6 8 10
temperature

Station: ES7 Date: 23_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	5.02	13.36	1010.56
1.12	3.97	18.16	1014.43
1.75	3.03	20.65	1016.46
2.38	2.89	21.08	1016.81
3.00	2.25	22.62	1018.07

Station: ES6 Date: 23_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	4.77	17.12	1013.55
1.00	3.61	19.07	1015.16
1.50	2.74	21.54	1017.18
2.00	1.87	23.21	1018.55
2.50	1.58	23.54	1018.83
3.00	1.56	23.58	1018.86

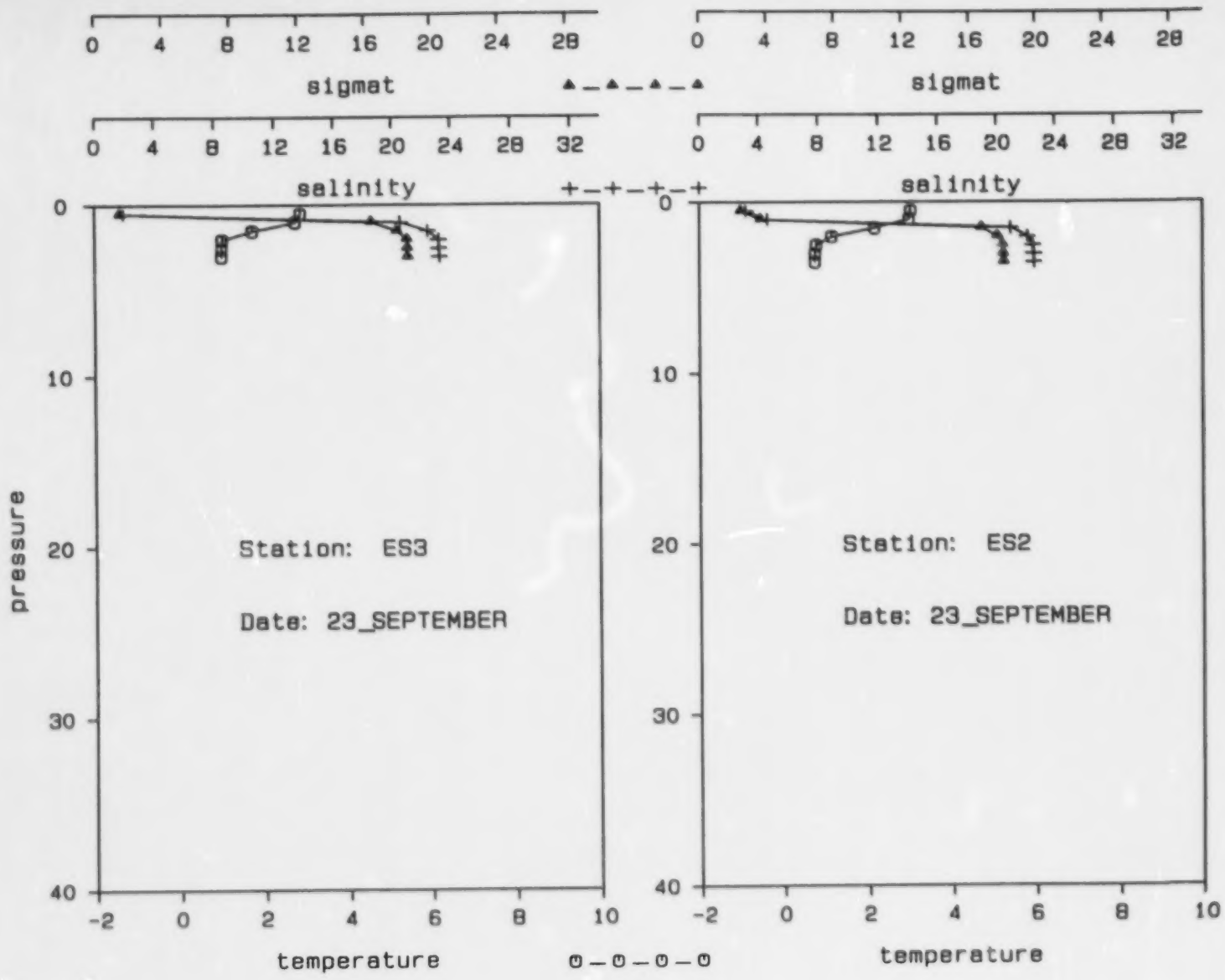

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: ES5
Date: 23_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: ES4
Date: 23_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: ES5 Date: 23_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	4.48	17.89	1014.18
1.00	2.74	20.18	1016.10
1.50	2.73	20.32	1016.20
2.00	2.45	22.18	1017.71
2.50	1.76	23.04	1018.43
3.00	1.53	23.37	1018.70

Station: ES4 Date: 23_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	3.90	17.10	1013.58
1.12	2.88	20.45	1016.30
1.75	1.58	22.72	1018.17
2.38	1.29	23.22	1018.59
3.00	1.26	23.42	1018.75

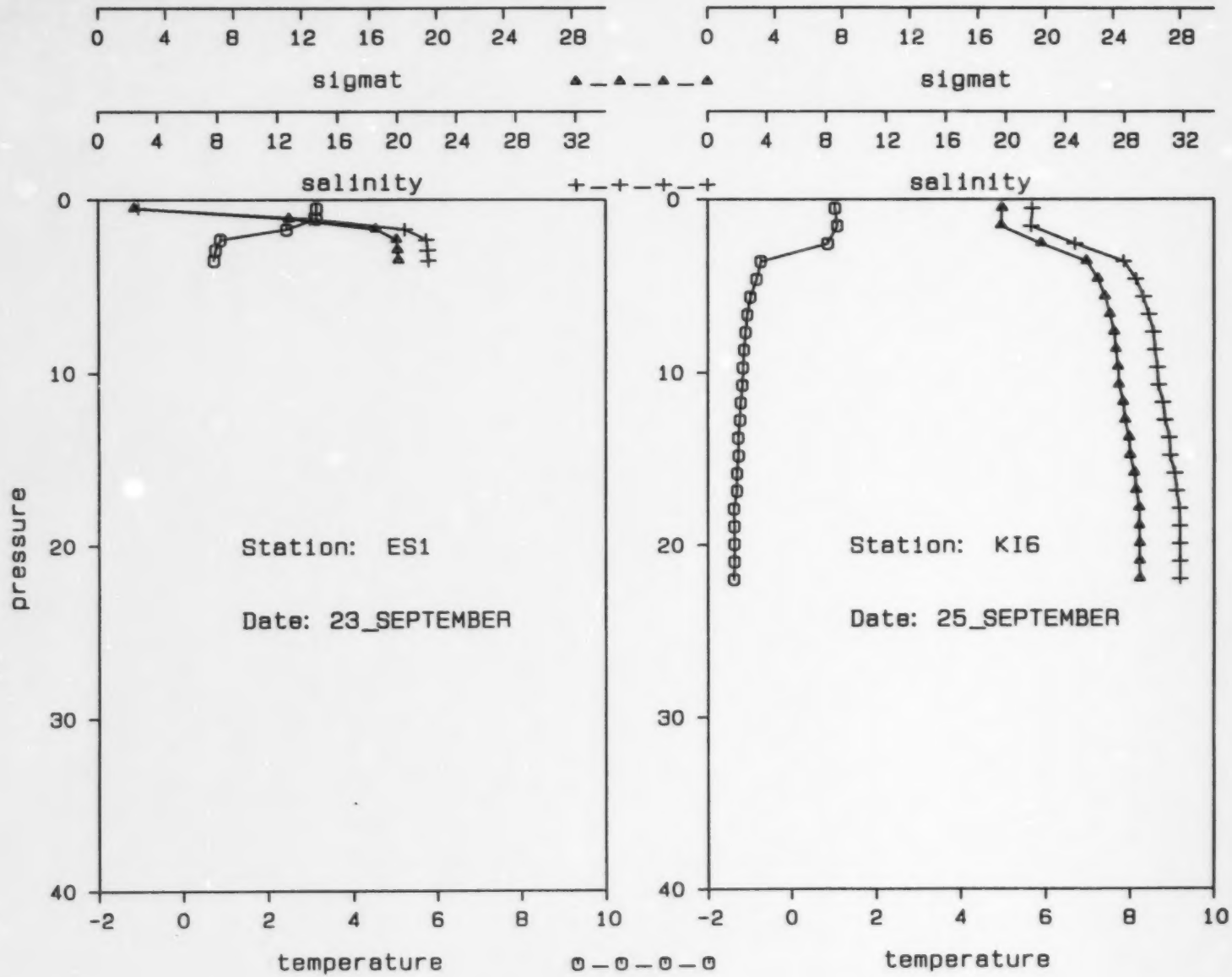

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: ES3
Date: 23_SEPTEMBER
Station: ES2
Date: 23_SEPTEMBER
-2 0 2 4 6 8 10
temperature
-2 0 2 4 6 8 10
temperature

Station: ES3 Date: 23_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	2.87	1.90	1001.50
1.00	2.74	20.60	1016.43
1.50	1.73	22.47	1017.96
2.00	1.02	23.21	1018.59
2.50	1.01	23.24	1018.61
3.00	1.00	23.26	1018.63

Station: ES2 Date: 23_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	3.01	3.17	1002.52
1.00	2.98	4.61	1003.67
1.50	2.16	20.98	1016.76
2.00	1.15	22.14	1017.72
2.50	0.79	22.51	1018.04
3.00	0.76	22.57	1018.09
3.50	0.75	22.60	1018.11

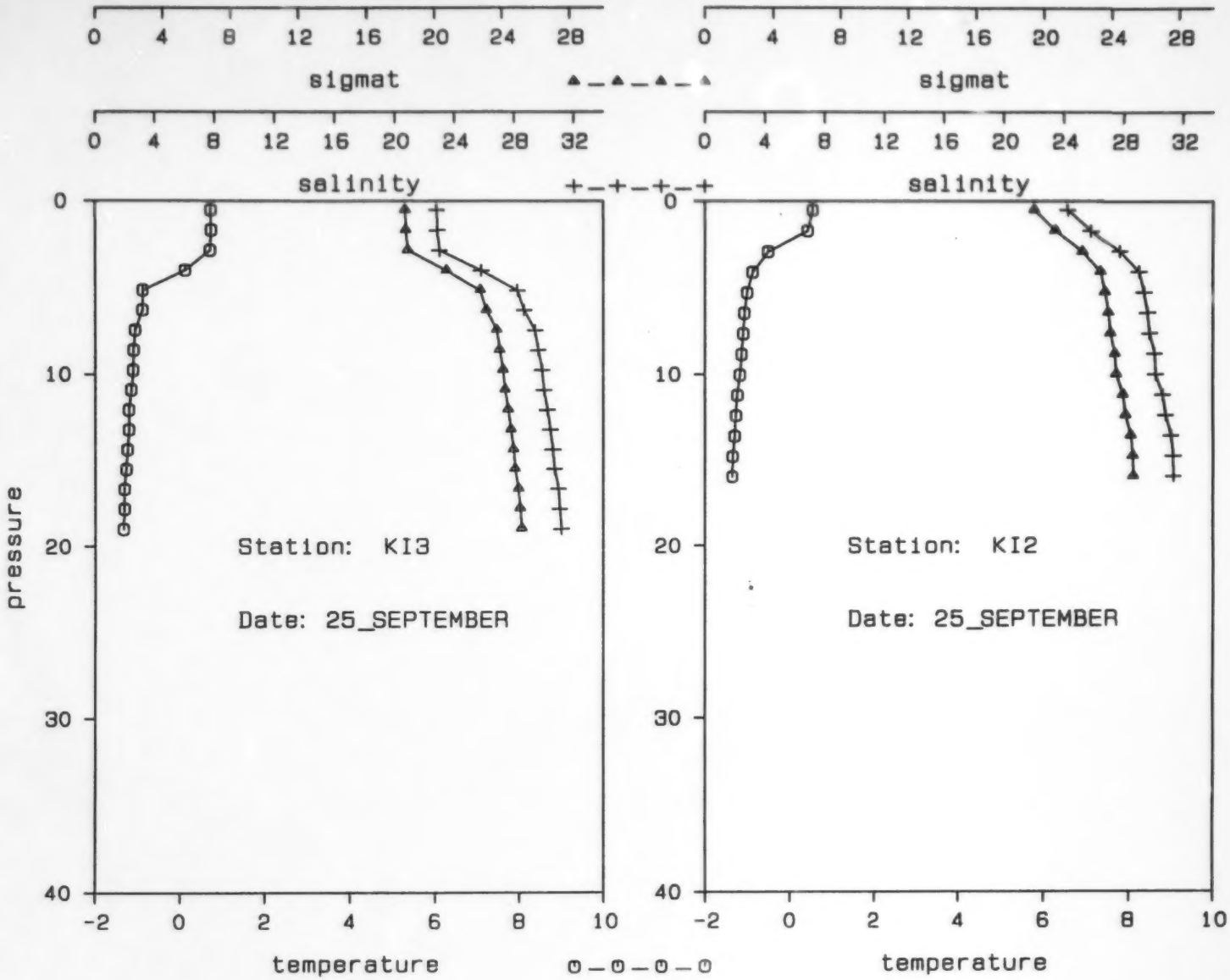

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: ES1
Date: 23_SEPTEMBER
-2 0 2 4 6 8 10
temperature
Station: KI6
Date: 25_SEPTEMBER

Station: ES1 Date: 23_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	3.15	2.71	1002.15
1.10	3.15	14.15	1011.27
1.70	2.45	20.49	1016.36
2.30	0.90	21.95	1017.58
2.90	0.78	22.04	1017.66
3.50	0.74	22.10	1017.71

Station: KI6 Date: 25_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	1.03	21.78	1017.43
1.52	1.09	21.71	1017.37
2.55	0.86	24.65	1019.75
3.57	-0.73	27.94	1022.45
4.60	-0.83	28.76	1023.12
5.62	-0.98	29.27	1023.54
6.64	-1.06	29.63	1023.84
7.67	-1.10	29.93	1024.08
8.69	-1.14	30.05	1024.19
9.71	-1.16	30.20	1024.32
10.74	-1.17	30.27	1024.38
11.76	-1.22	30.57	1024.63
12.79	-1.24	30.70	1024.74
13.81	-1.28	31.00	1024.99
14.83	-1.27	31.05	1025.03
15.86	-1.31	31.37	1025.29
16.88	-1.31	31.49	1025.40
17.90	-1.38	31.70	1025.58
18.93	-1.37	31.71	1025.59
19.95	-1.37	31.71	1025.59
20.98	-1.37	31.71	1025.60
22.00	-1.38	31.72	1025.61

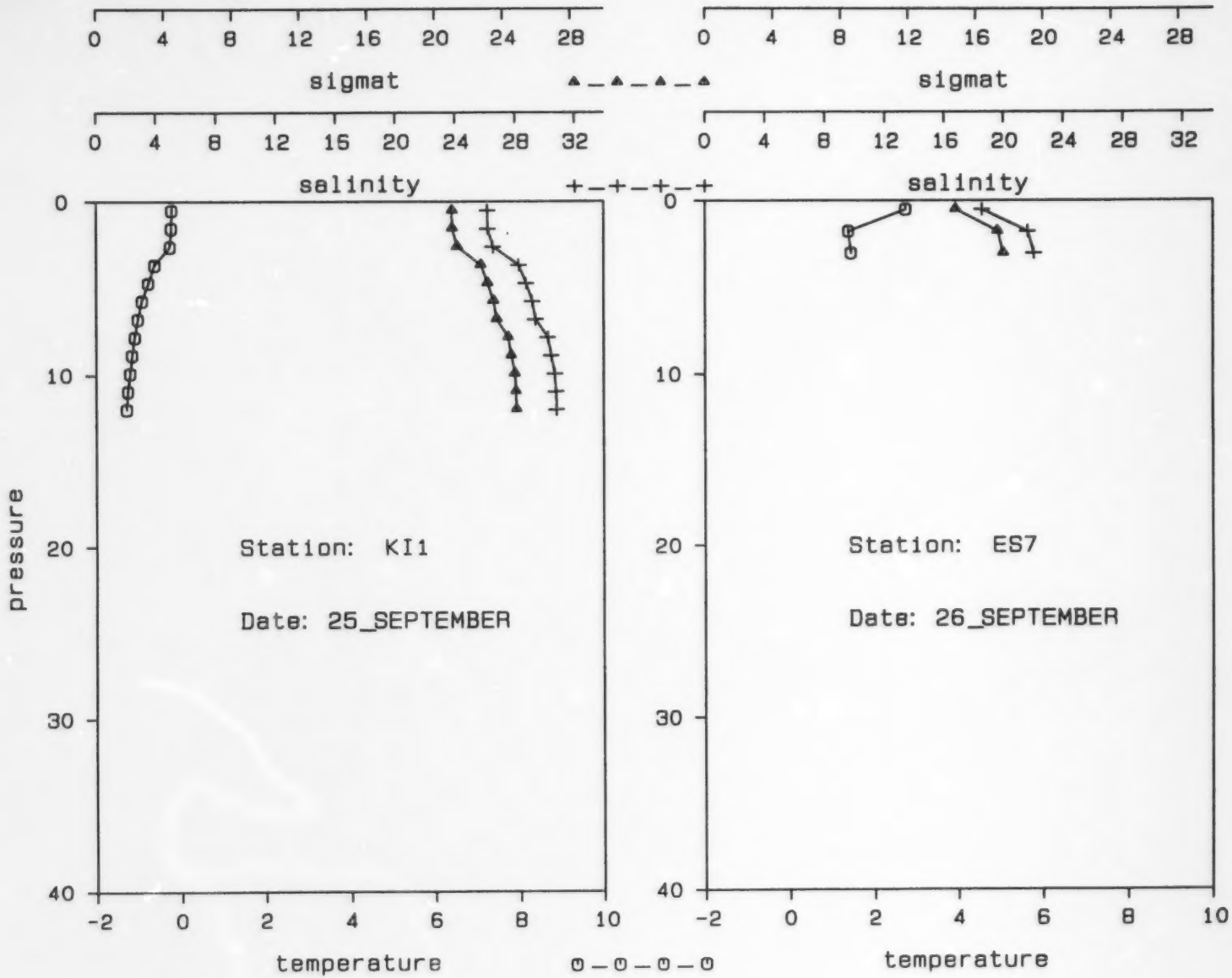

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: KI3
Date: 25_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
Station: KI2
Date: 25_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: KI3 Date: 25_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	0.74	22.80	1018.26
1.66	0.74	22.82	1018.28
2.81	0.72	22.97	1018.40
3.97	0.14	25.78	1020.68
5.12	-0.88	28.23	1022.69
6.28	-0.88	28.67	1023.05
7.44	-1.06	29.42	1023.67
8.59	-1.09	29.63	1023.84
9.75	-1.10	29.89	1024.06
10.91	-1.15	30.02	1024.17
12.06	-1.20	30.24	1024.36
13.22	-1.20	30.43	1024.52
14.38	-1.24	30.61	1024.68
15.53	-1.26	30.73	1024.77
16.69	-1.31	30.99	1024.99
17.84	-1.31	31.09	1025.08
19.00	-1.33	31.19	1025.17

Station: KI2 Date: 25_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	0.53	24.25	1019.42
1.69	0.42	25.80	1020.68
2.88	-0.51	27.75	1022.28
4.08	-0.88	29.04	1023.34
5.27	-1.01	29.36	1023.61
6.46	-1.07	29.59	1023.80
7.65	-1.10	29.72	1023.91
8.85	-1.14	30.05	1024.19
10.04	-1.17	30.13	1024.26
11.23	-1.24	30.62	1024.66
12.42	-1.27	30.80	1024.82
13.62	-1.30	31.17	1025.12
14.81	-1.35	31.30	1025.24
16.00	-1.35	31.33	1025.27

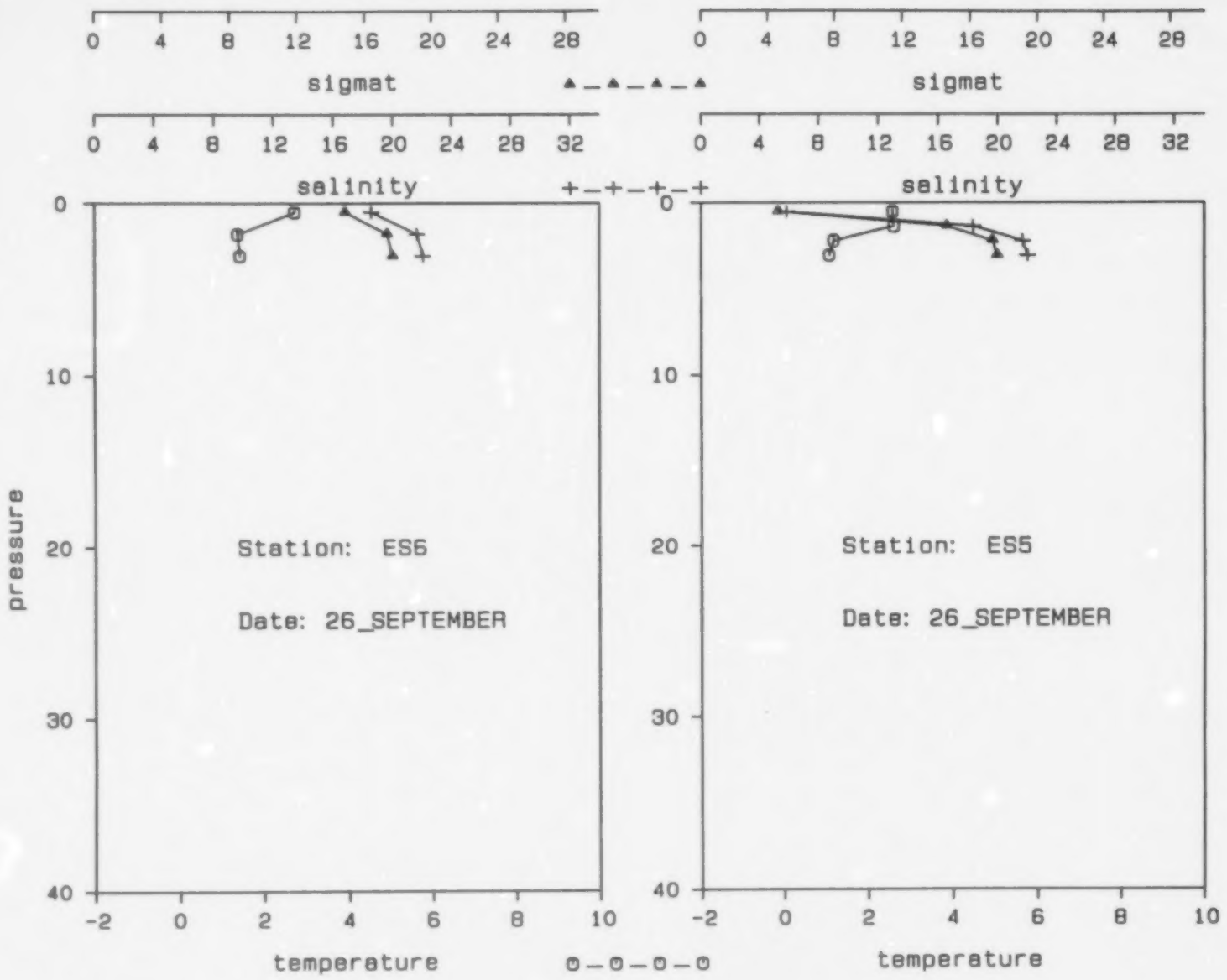

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 15 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: KI1
Date: 25_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: ES7
Date: 26_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: KI1 Date: 25_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	-0.22	26.18	1021.00
1.55	-0.22	26.19	1021.01
2.59	-0.26	26.54	1021.30
3.64	-0.62	28.26	1022.70
4.68	-0.77	28.75	1023.11
5.73	-0.92	29.17	1023.45
6.77	-1.02	29.39	1023.64
7.82	-1.09	30.22	1024.32
8.86	-1.16	30.43	1024.50
9.91	-1.20	30.69	1024.71
10.95	-1.26	30.76	1024.78
12.00	-1.28	30.79	1024.81

Station: ES7 Date: 26_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	2.74	18.58	1014.82
1.75	1.38	21.65	1017.32
3.00	1.45	22.06	1017.66

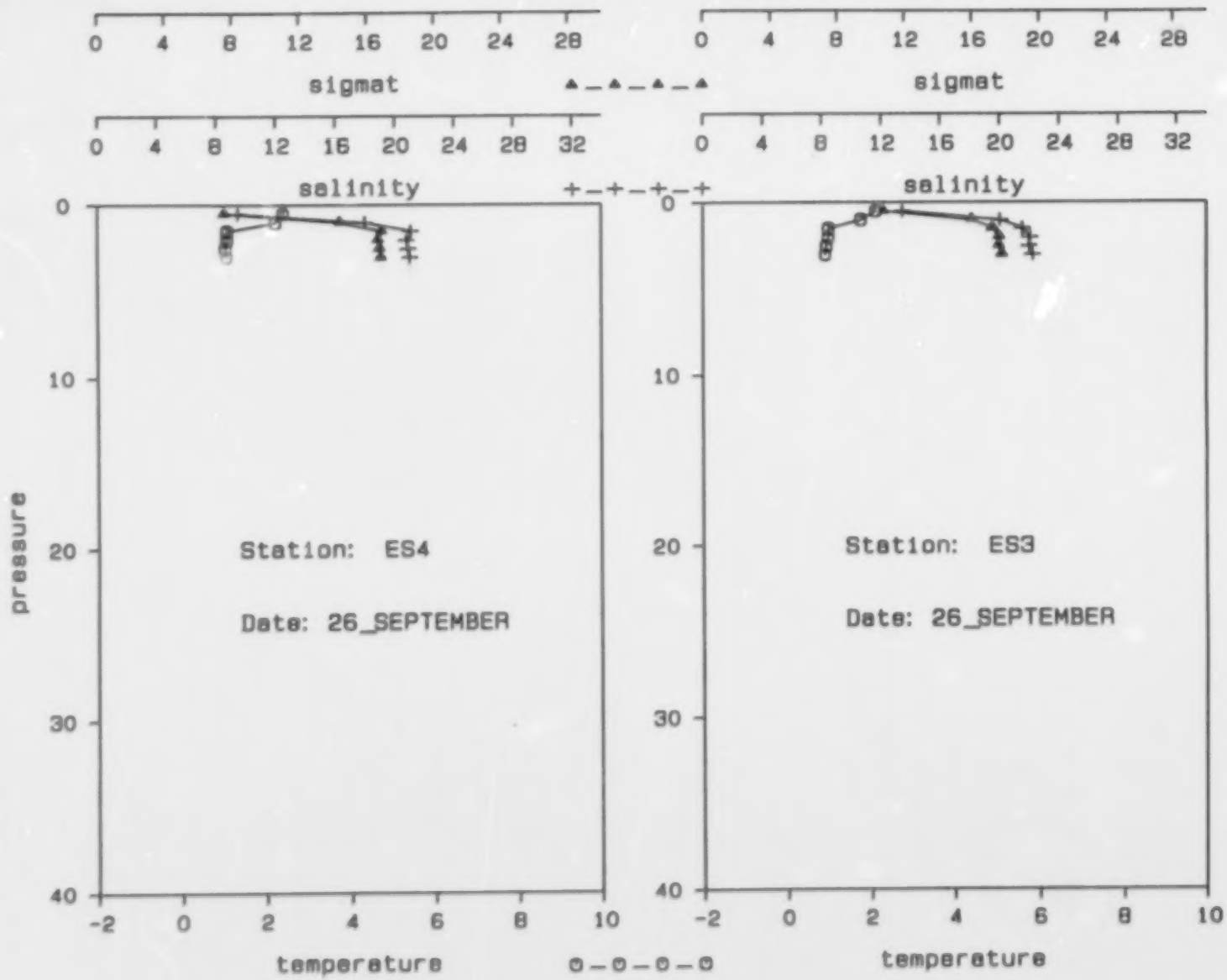

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: ES6
Date: 26_SEPTEMBER
-2 0 2 4 6 8 10
temperature
Station: ES5
Date: 26_SEPTEMBER

Station: ES6 Date: 26_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	2.74	18.58	1014.82
1.75	1.38	21.65	1017.32
3.00	1.45	22.06	1017.66

Station: ES5 Date: 26_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	2.59	5.84	1004.66
1.33	2.61	18.37	1014.65
2.17	1.19	21.68	1017.35
3.00	1.08	22.02	1017.63

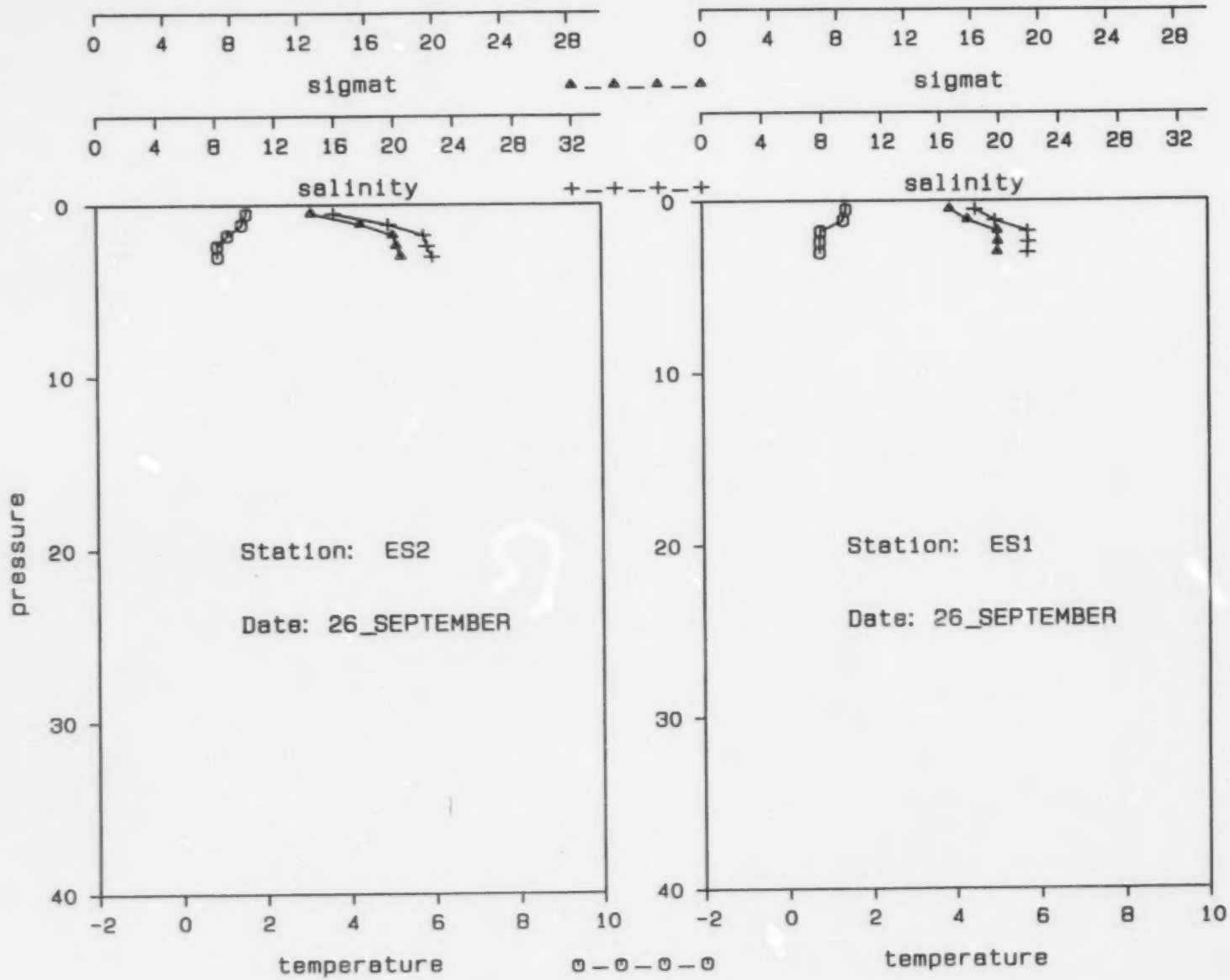

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: ES4
Date: 26_SEPTEMBER
Station: ES3
Date: 26_SEPTEMBER
-2 0 2 4 6 8 10
temperature
-2 0 2 4 6 8 10
temperature

Station: ES4 Date: 26_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	2.42	9.47	1007.56
1.00	2.23	18.00	1014.38
1.50	1.09	21.08	1016.87
2.00	1.09	20.79	1016.64
2.50	1.05	20.91	1016.74
3.00	1.09	21.02	1016.83

Station: ES3 Date: 26_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	2.12	13.47	1010.76
1.00	1.76	20.05	1016.03
1.50	0.99	21.55	1017.25
2.00	0.99	22.04	1017.65
2.50	0.94	22.00	1017.62
3.00	0.91	22.23	1017.81

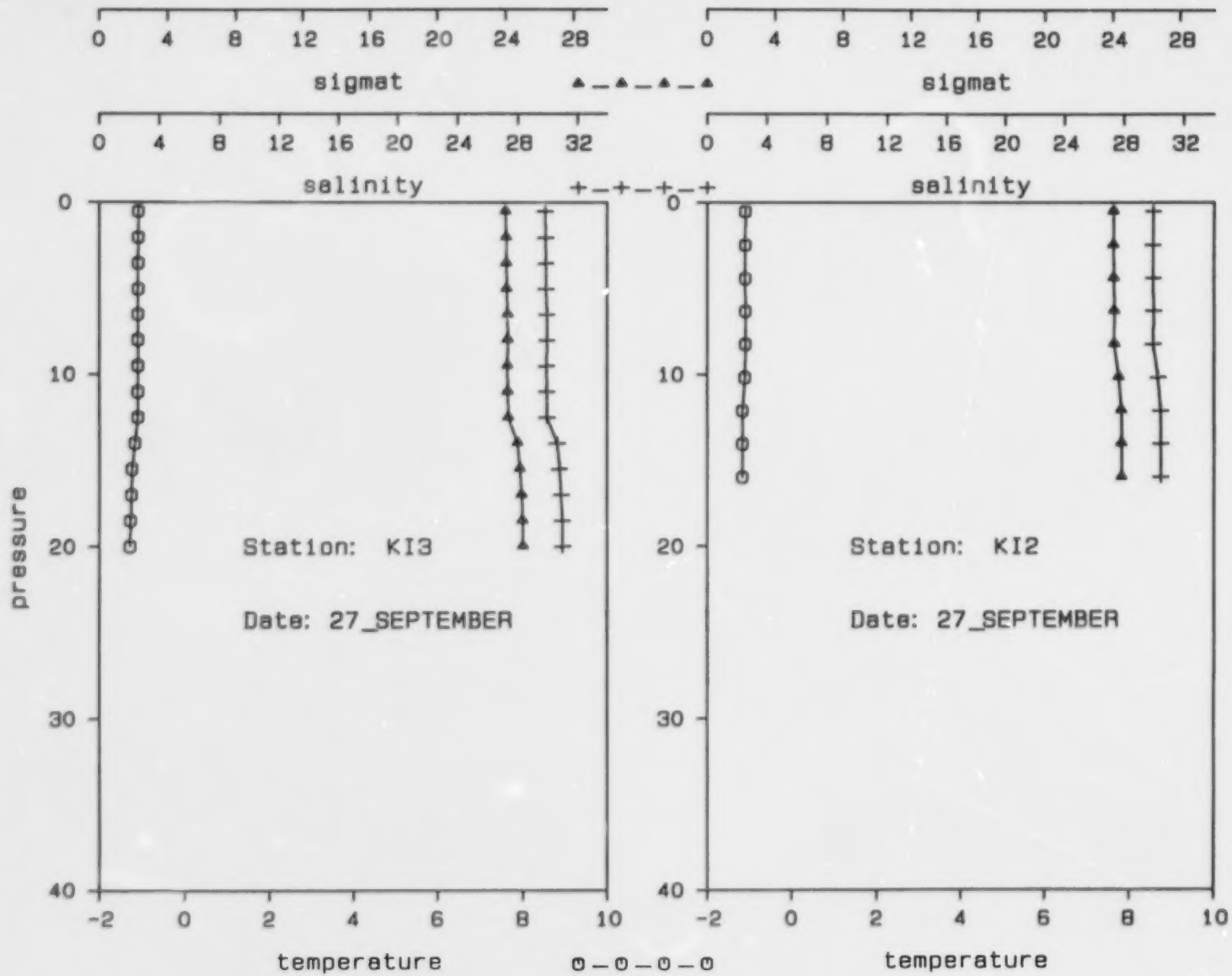

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: ES2
Date: 26_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: ES1
Date: 26_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: ES2 Date: 26_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	1.56	15.96	1012.76
1.12	1.46	19.65	1015.71
1.75	1.11	21.99	1017.61
2.38	0.87	22.24	1017.82
3.00	0.88	22.58	1018.09

Station: ES1 Date: 26_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	1.39	18.38	1014.70
1.12	1.33	19.73	1015.78
1.75	0.79	21.90	1017.54
2.38	0.77	21.93	1017.57
3.00	0.77	21.89	1017.54

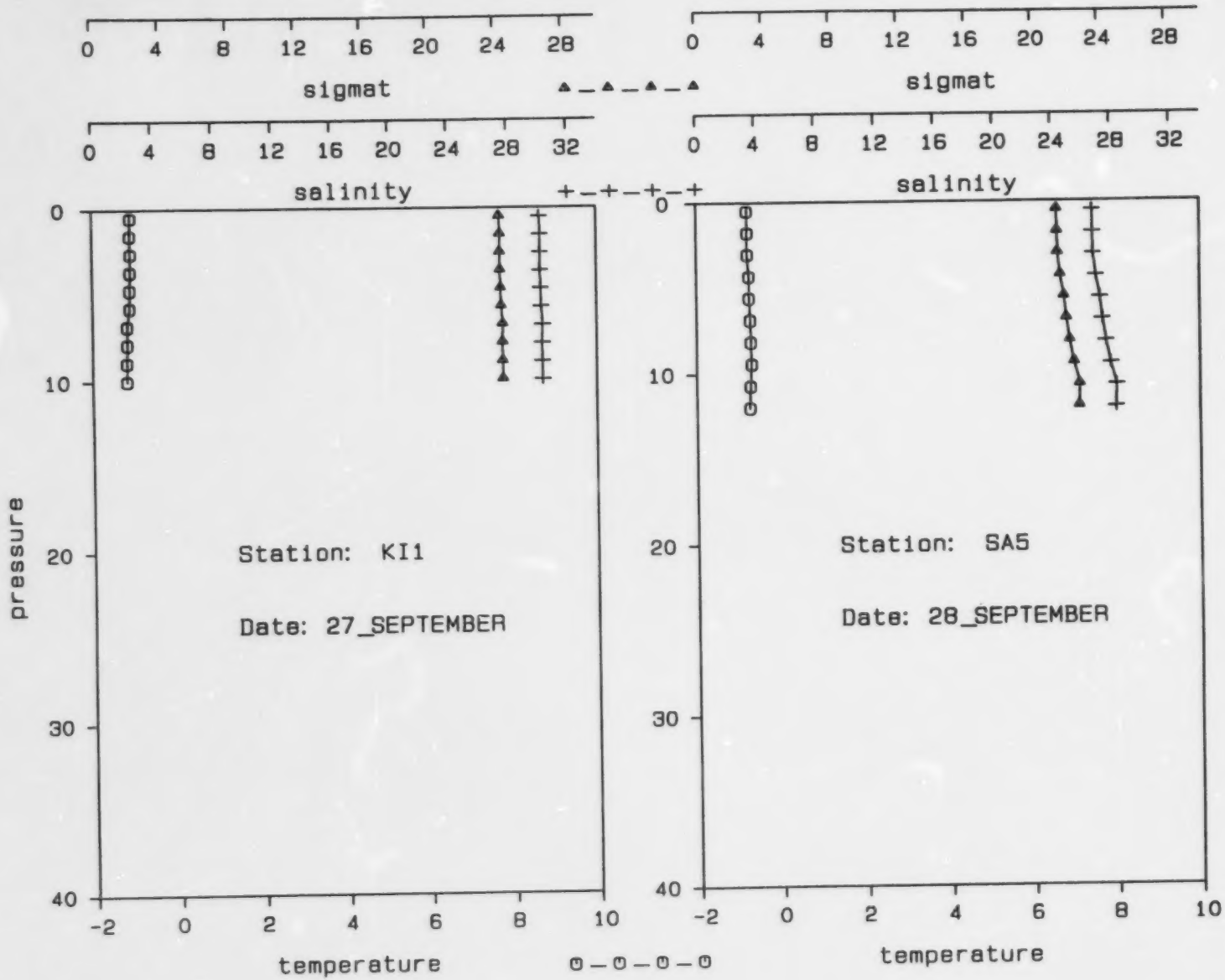

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: KI3
Date: 27_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: KI2
Date: 27_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: KI3 Date: 27_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	-1.08	29.83	1023.97
2.00	-1.08	29.87	1024.01
3.50	-1.09	29.88	1024.03
5.00	-1.09	29.90	1024.05
6.50	-1.10	29.95	1024.10
8.00	-1.10	29.95	1024.10
9.50	-1.10	29.93	1024.09
11.00	-1.10	29.95	1024.12
12.50	-1.10	29.97	1024.14
14.00	-1.16	30.65	1024.70
15.50	-1.24	30.80	1024.83
17.00	-1.25	30.92	1024.94
18.50	-1.27	30.99	1025.00
20.00	-1.28	31.00	1025.01

Station: KI2 Date: 27_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	-1.09	29.95	1024.06
2.44	-1.10	29.93	1024.06
4.38	-1.10	29.95	1024.09
6.31	-1.09	29.96	1024.11
8.25	-1.09	29.94	1024.10
10.19	-1.11	30.28	1024.38
12.12	-1.16	30.46	1024.53
14.06	-1.16	30.46	1024.54
16.00	-1.16	30.45	1024.55

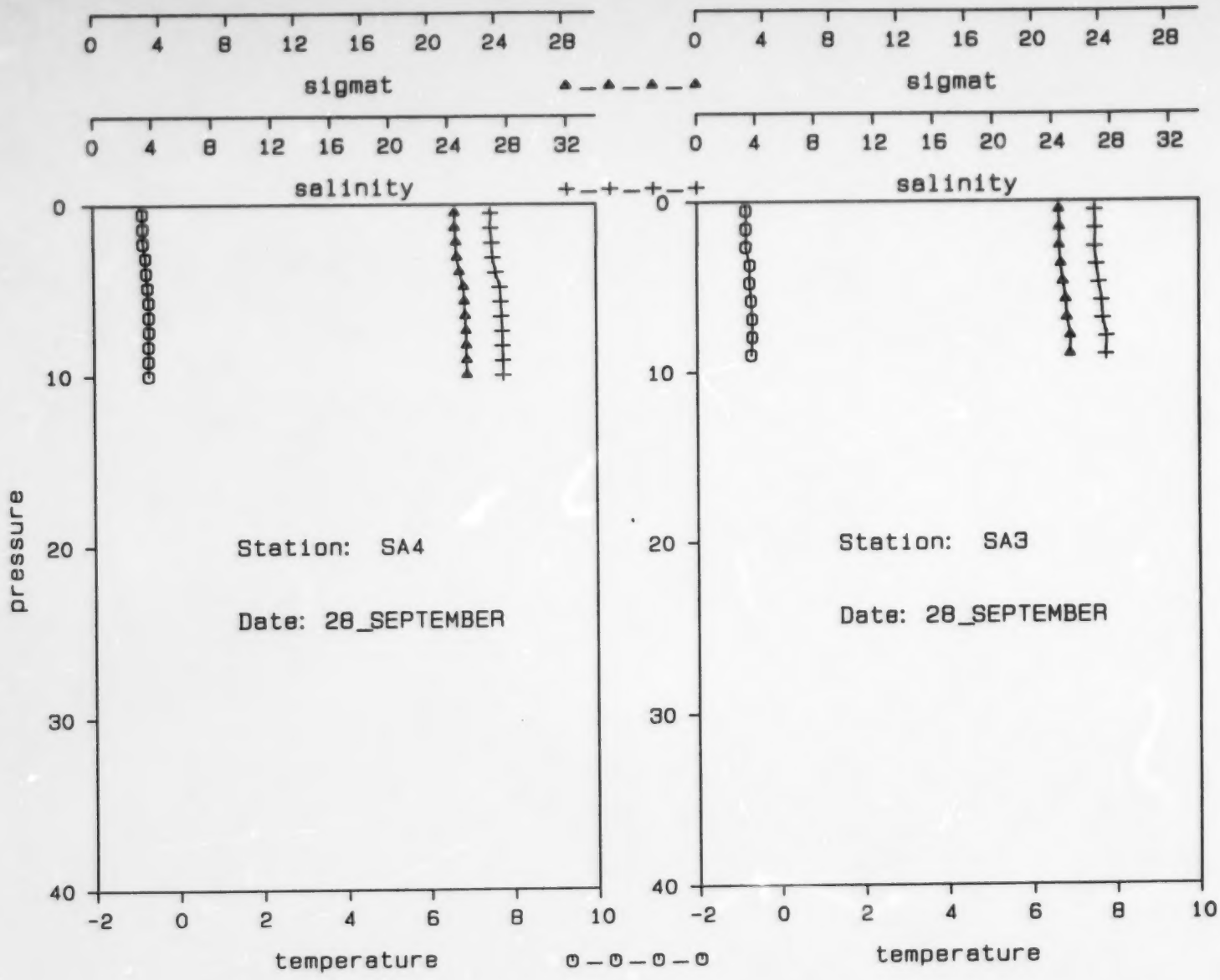

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: KI1
Date: 27_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: SA5
Date: 28_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: KI1 Date: 27_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	-1.09	30.18	1024.25
1.56	-1.10	30.21	1024.28
2.61	-1.09	30.20	1024.28
3.67	-1.10	30.21	1024.29
4.72	-1.11	30.24	1024.32
5.78	-1.12	30.27	1024.35
6.83	-1.18	30.35	1024.42
7.89	-1.18	30.33	1024.41
8.94	-1.19	30.34	1024.42
10.00	-1.19	30.36	1024.45

Station: SA5 Date: 28_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	-0.78	26.81	1021.52
1.78	-0.77	26.82	1021.54
3.06	-0.77	26.84	1021.56
4.33	-0.73	27.04	1021.72
5.61	-0.73	27.31	1021.94
6.89	-0.70	27.47	1022.08
8.17	-0.69	27.68	1022.26
9.44	-0.68	28.00	1022.52
10.72	-0.70	28.39	1022.85
12.00	-0.72	28.35	1022.82

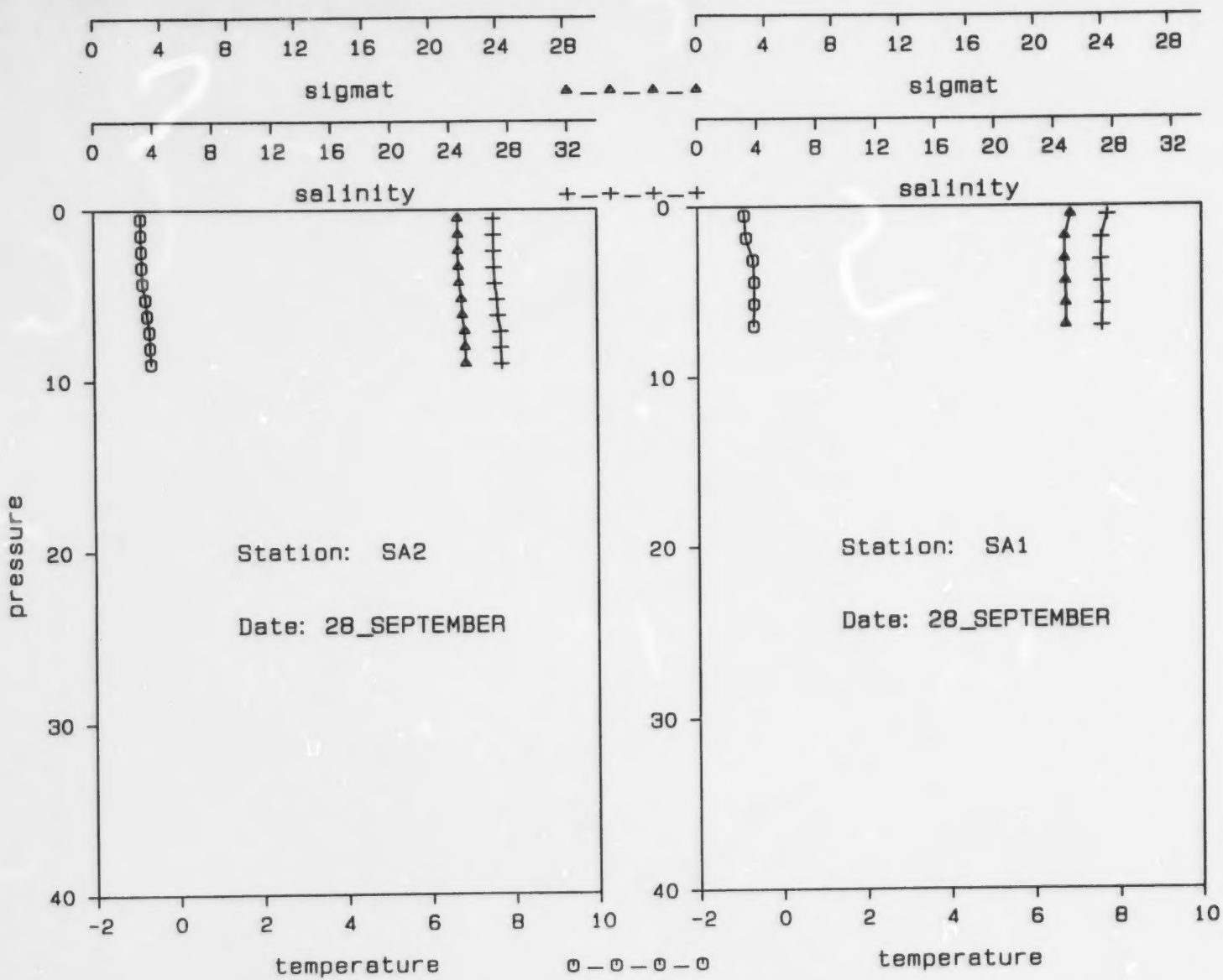

0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: SA4
Date: 28_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: SA3
Date: 28_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: SA4 Date: 28_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	-0.81	26.87	1021.56
1.36	-0.80	26.86	1021.56
2.23	-0.80	26.94	1021.63
3.09	-0.74	27.01	1021.69
3.95	-0.73	27.20	1021.85
4.82	-0.69	27.50	1022.10
5.68	-0.68	27.54	1022.14
6.55	-0.68	27.59	1022.17
7.41	-0.68	27.65	1022.23
8.27	-0.69	27.66	1022.24
9.14	-0.69	27.68	1022.26
10.00	-0.69	27.70	1022.28

Station: SA3 Date: 28_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	-0.82	26.91	1021.60
1.56	-0.82	26.93	1021.63
2.62	-0.82	26.91	1021.61
3.69	-0.72	27.05	1021.73
4.75	-0.73	27.20	1021.86
5.81	-0.69	27.40	1022.02
6.88	-0.67	27.47	1022.09
7.94	-0.67	27.72	1022.29
9.00	-0.69	27.68	1022.27


0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
pressure
0
10
20
30
40
Station: SA2
Date: 28_SEPTEMBER
-2 0 2 4 6 8 10
temperature
0 4 8 12 16 20 24 28
sigmat
0 4 8 12 16 20 24 28 32
salinity
0
10
20
30
40
Station: SA1
Date: 28_SEPTEMBER
-2 0 2 4 6 8 10
temperature

Station: SA2 Date: 28_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	-0.88	26.97	1021.65
1.44	-0.88	26.98	1021.67
2.39	-0.87	26.97	1021.66
3.33	-0.86	27.01	1021.69
4.28	-0.84	27.05	1021.73
5.22	-0.77	27.21	1021.87
6.17	-0.73	27.26	1021.91
7.11	-0.68	27.44	1022.06
8.06	-0.66	27.47	1022.08
9.00	-0.64	27.51	1022.12

Station: SA1 Date: 28_SEPTEMBER

Depth (dbar)	Temperature (deg. C)	Salinity	Density (kg/m**3)
0.50	-0.89	27.64	1022.19
1.80	-0.85	27.21	1021.85
3.10	-0.69	27.18	1021.83
4.40	-0.66	27.24	1021.88
5.70	-0.66	27.26	1021.91
7.00	-0.67	27.25	1021.90